

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

06/27/12

Janine D'Amico
Assistant District Attorney, Suffolk County

Ms. D'Amico,

Enclosed is the information you requested. Included are copies of the following:

1. Drug Analysis Laboratory Receipts.
2. Control Cards with analytical results for sample #'s [REDACTED]
3. Analysis sheets with chemist's hand notations and test results.
4. GC/MS analytical data for sample #'s [REDACTED]

If you have any questions about these materials, please call me at the number below.

Sincerely,


Kate Sorbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632



DRUG RECEIPT

CC # [REDACTED]
BOOK # 67
PAGE # 191
DESTRUCTION # _____

District/Unit D-4 DCU
Name & Rank of Arresting Officer Sgt. Det. Keenan ID# 10652

DEFENDANT'S NAME	ADDRESS	CITY	STATE
[REDACTED]	[REDACTED]	Roxbury	MA
		Boston	MA
		Dorchester	MA

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	LAB USE ONLY
			ANALYSIS NUMBER
White unknown substance (counterfeit)	7 p/b's	4.31g	[REDACTED]
White unknown substance (counterfeit)	1 p/b	2.33g	
White rock (crack cocaine)	1 p/b	2.42g	
UNKNOWN substance	1 p/b	2.28g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer [Signature] ID# 9370

Received by [Signature] Date 5-25-11

ECU Control # _____



DRUG RECEIPT

CC # [REDACTED]
BOOK # 68
PAGE # 39
DESTRUCTION # _____

District/Unit D-4 DCU
Name & Rank of Arresting Officer Sgt + Det Keenan ID# 10652

DEFENDANT'S NAME	ADDRESS	CITY	STATE
[REDACTED]	[REDACTED]	<u>Cambridge</u>	<u>MA</u>

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
<u>white elliptical pills w/markings</u>	<u>6 pills</u>		[REDACTED]
<u>3592 V Vicoden</u>		<u>22.0 gr</u>	
<u>1 BLISTER PACK</u>			

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt L White ID# 11060
Received by [Signature] Date 7-7-11
ECU Control # _____

NO. [REDACTED] DATE ANALYZED: 12/17/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ
DEF: [REDACTED]
AMOUNT: [REDACTED] SUBST: SUB
NO. CONT: 1 CONT: PS
DATE REC'D: 05/25/2011 NO. ANALYZED:
GROSS WT: 2.422 NET WT: 0.17g
#TESTS: 1KAC
PRELIM: Negative FINDINGS: cocaine

NO. [REDACTED] DATE ANALYZED: 12/15/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ
DEF: [REDACTED]
AMOUNT: [REDACTED] SUBST: SUB
NO. CONT: 1 CONT: PS
DATE REC'D: 05/25/2011 NO. ANALYZED:
GROSS WT: 2.338 NET WT: 0.12g
#TESTS: 1KAC
PRELIM: Negative FINDINGS: Benzocaine

NO. [REDACTED] DATE ANALYZED: 12/17/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ
DEF: [REDACTED]
AMOUNT: [REDACTED] SUBST: SUB
NO. CONT: 1 CONT: PS
DATE REC'D: 05/25/2011 NO. ANALYZED:
GROSS WT: 4.372 NET WT: 0.17g
#TESTS: 1KAC
PRELIM: Negative FINDINGS: Negative

NO. [REDACTED] DATE ANALYZED: 11/11/11
CITY: BOSTON D.C.U. POLICE
OFFICER: P.O. DIANA LOPEZ
DEF: [REDACTED]
AMOUNT: [REDACTED] SUBST: SUB
NO. CONT: 1 CONT: PS
DATE REC'D: 05/25/2011 NO. ANALYZED:
GROSS WT: 2.200 NET WT: 0.12g
#TESTS: 1KAC
PRELIM: Negative FINDINGS: Negative

No. [REDACTED]

Date Analyzed: 3/23/12

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount: 6.0

Subst: TAB

No. Cont: 1 Cont: blister pack

Date Rec'd: 07/07/2011

No. Analyzed:

Gross Wt.: 22.00

Net Weight:

Tests: A+C
BAC
• 200G

Prelim:

Hydrocodone

Findings:

Hydrocodone

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

KAC

No. of samples tested:

1

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

1 pb containing a
white chunky
substance

Gross Wt ():

0.1519g

Gross Wt ():

Pkg. Wt:

0.0313g

Net Wt:

0.1206g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate

Blue/acid

Marquis

Froehde's

Mecke's

Dilly -

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

GC - compared to
Cocaine Std.

PRELIMINARY TEST RESULTS

RESULTS

Negative

DATE

12/1/11

GC/MS CONFIRMATORY TEST

RESULTS

Negative

MS
OPERATOR

DATE

12/1/11

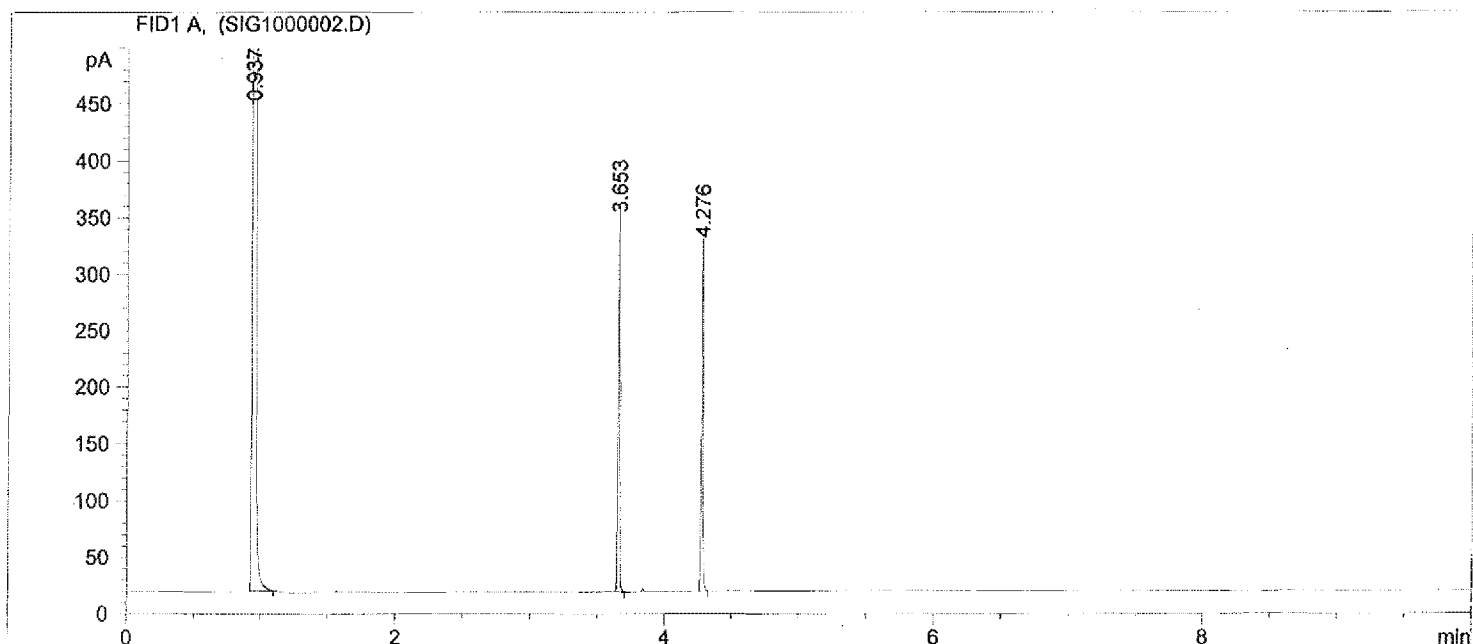
Sample Name: COKE/CODEINE

```

=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2           Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.28166e4	5.40991e4	98.95582
2	3.653	1	BB	284.84122	329.70984	0.53367
3	4.276	1	BB	272.48016	307.33545	0.51051

```
Totals :                5.33739e4  5.47362e4
```

```

=====
*** End of Report ***

```

Sample Name: BLANK

```

=====
Acq. Operator   : ASD                      Seq. Line :    7
Acq. Instrument : DrugLab GC #2           Location  : Vial 7
Injection Date  : 12/1/2011 10:01:22 AM   Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.939	1	BB S	5.30066e4	5.50969e4	1.000e2

```
Totals :                5.30066e4  5.50969e4
```

```

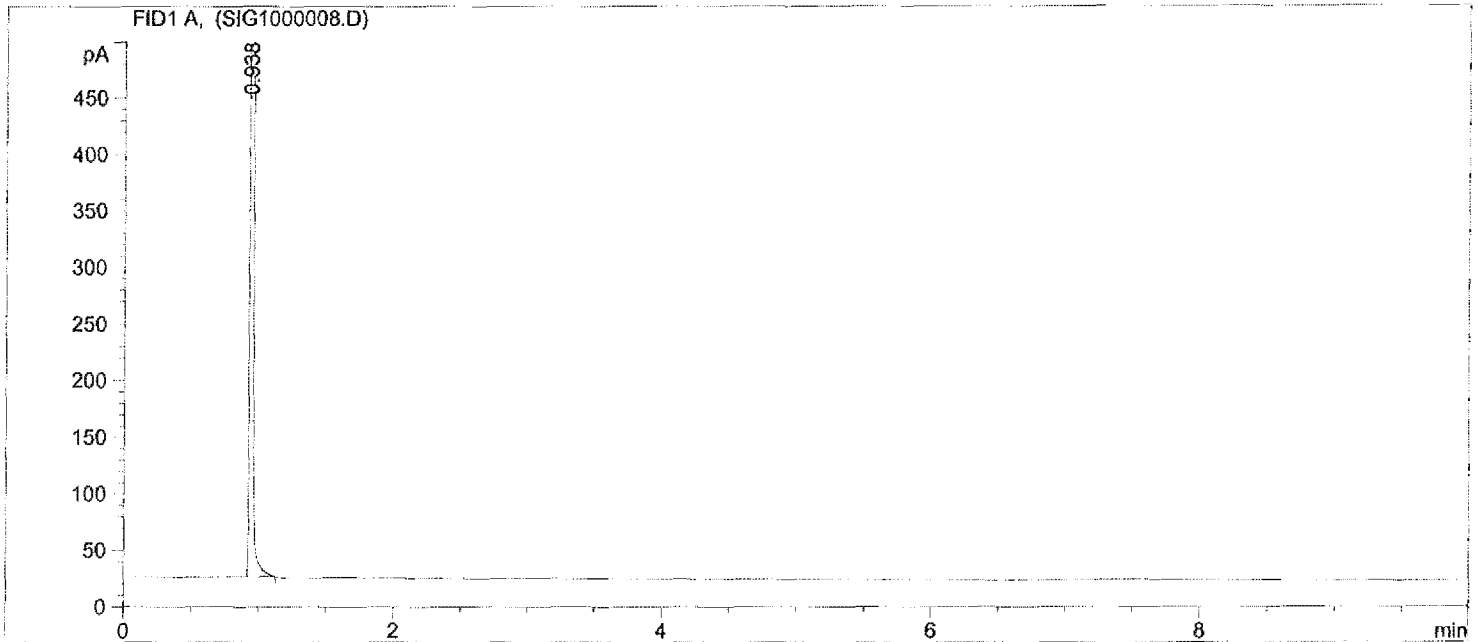
=====
*** End of Report ***
=====

```


Sample Name: XXXXXXXXXX

```
=====
Acq. Operator   : ASD                      Seq. Line :    8
Acq. Instrument : DrugLab GC #2            Location  : Vial 8
Injection Date  : 12/1/2011 10:14:46 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	4.95620e4	5.68822e4	1.000e2

```
Totals :                4.95620e4  5.68822e4
```

```
=====
*** End of Report ***
=====
```

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pb containing a white chunky substance

Gross Wt (): 0.2718g
Gross Wt ():
Pkg. Wt: 0.0995g
Net Wt: 0.1723g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () acid
Marquis -
Froehde's -
Mecke's -
Dilli -

Microcrystalline Tests

Gold Chloride
TLTA ()

OTHER TESTS

GC = + peaks before Cocaine

PRELIMINARY TEST RESULTS

RESULTS Negative
DATE 11/22/11

GC/MS CONFIRMATORY TEST

RESULTS Negative
MS OPERATOR UAG
DATE 12/7/11

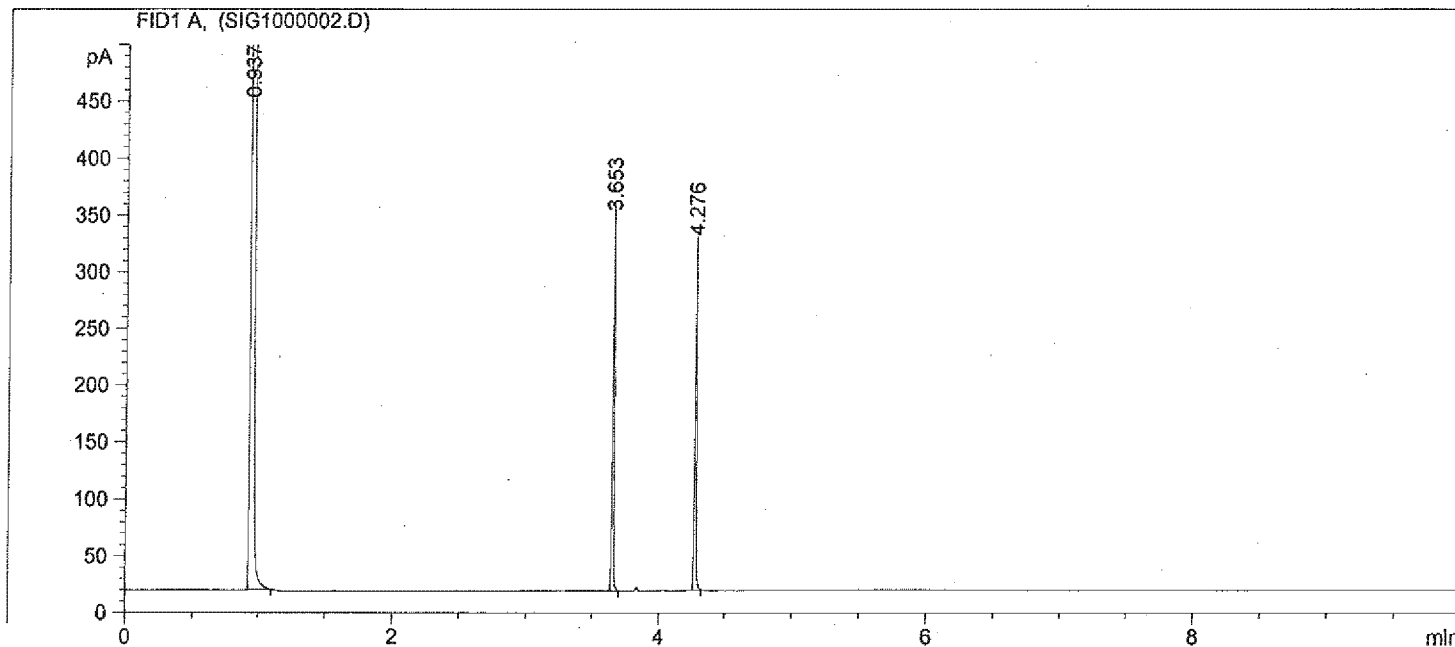
Sample Name: COKE/CODEINE

```

=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2           Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM    Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.28166e4	5.40991e4	98.95582
2	3.653	1	BB	284.84122	329.70984	0.53367
3	4.276	1	BB	272.48016	307.33545	0.51051

```
Totals :                5.33739e4  5.47362e4
```

```

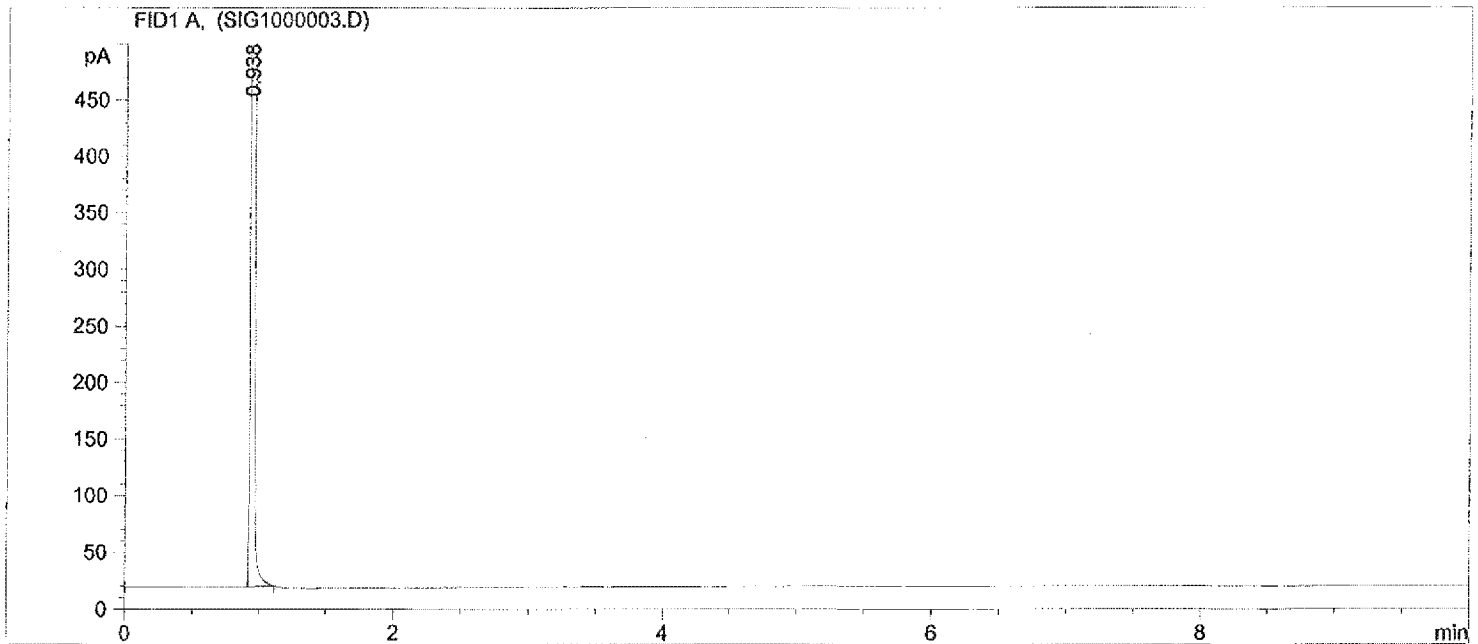
=====
*** End of Report ***
=====

```

Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    3
Acq. Instrument : DrugLab GC #2            Location  : Vial 3
Injection Date  : 12/1/2011 9:07:35 AM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

Sorted By : Retention Time
Multiplier: : 1.0000
Dilution: : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	5.43746e4	5.39734e4	1.000e2

Totals : 5.43746e4 5.39734e4

```
=====
*** End of Report ***
=====
```

Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                               Seq. Line :    4
Acq. Instrument : DrugLab GC #2                     Location  : Vial 4
Injection Date  : 12/1/2011 9:20:59 AM              Inj       :    1
                                                    Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                        Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	5.63530e4	5.19078e4	99.65292
2	1.420	1	VV X	33.19907	21.97241	0.05871
3	1.698	1	VV T	52.46418	40.18912	0.09278
4	1.783	1	VV T	44.68904	39.26191	0.07903
5	1.827	1	VB T	65.92158	45.13565	0.11657

```
Totals :                5.65492e4  5.20544e4
```

```

=====
*** End of Report ***

```

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

1 pb containing an
off-white rock-like
Substance

Gross Wt (): 0.2503g
Gross Wt ():
Pkg. Wt: 0.0801g
Net Wt: 0.1702g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate H⁺ + blue
Marquis —
Froehde's —
Mecke's —

Microcrystalline Tests

Gold Chloride +
TLTA H⁺ +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine
DATE 12/1/11

GC/MS CONFIRMATORY TEST

RESULTS Cocaine
MS OPERATOR CAG
DATE 12/7/11

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

KAC

No. of samples tested: 1

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

1 pb containing a white chunky substance

Gross Wt (): 0.1826g

Gross Wt ():

Pkg. Wt: 0.0577g

Net Wt: 0.1249g

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate (1 ⊖ / ⊖ w/ acid)

Marquis

Froehde's

Mecke's

Dilli

Microcrystalline Tests

Gold Chloride

TLTA ()

OTHER TESTS

GC = + peaks before Cocaine

PRELIMINARY TEST RESULTS

RESULTS Negative

DATE 11/22/11

GC/MS CONFIRMATORY TEST

RESULTS Benzocaine

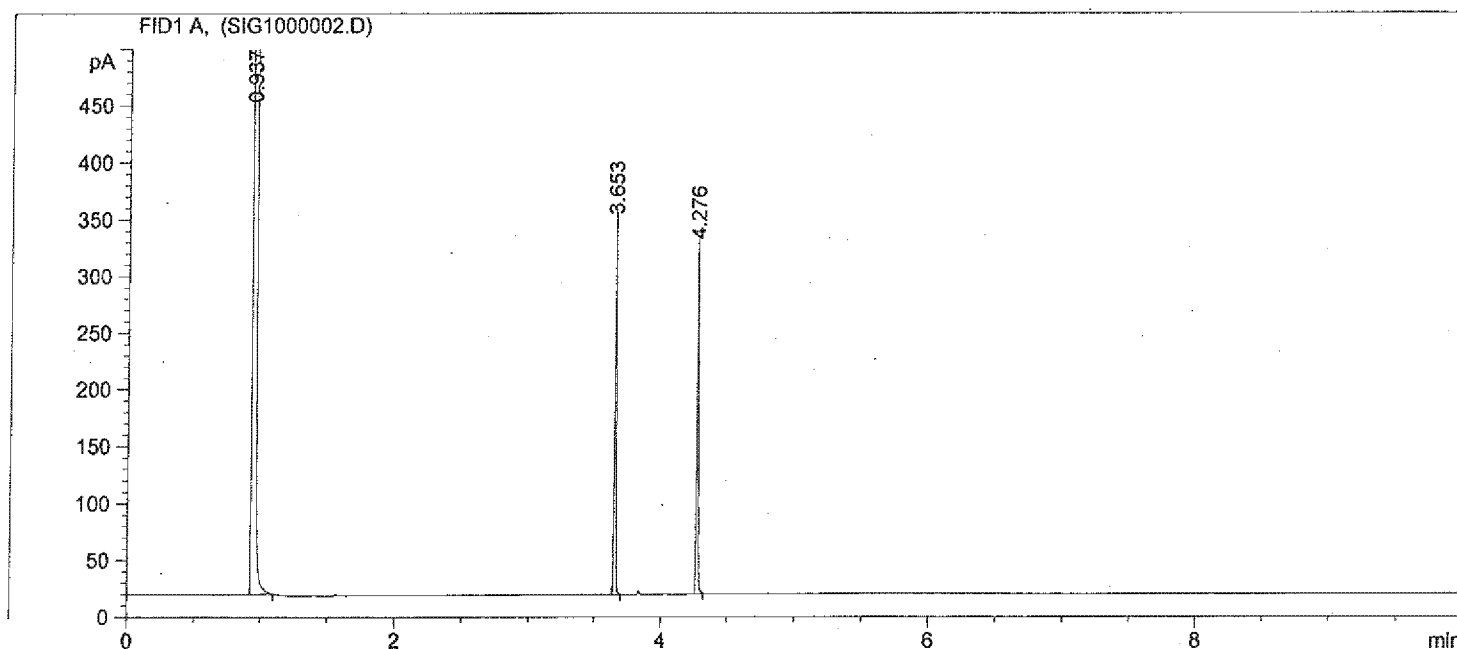
MS OPERATOR LAG

DATE 12/15/11

Sample Name: COKE/CODEINE

```
=====
Acq. Operator   : ASD                      Seq. Line :    2
Acq. Instrument : DrugLab GC #2            Location  : Vial 2
Injection Date  : 12/1/2011 8:54:14 AM     Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.937	1	BB S	5.28166e4	5.40991e4	98.95582
2	3.653	1	BB	284.84122	329.70984	0.53367
3	4.276	1	BB	272.48016	307.33545	0.51051

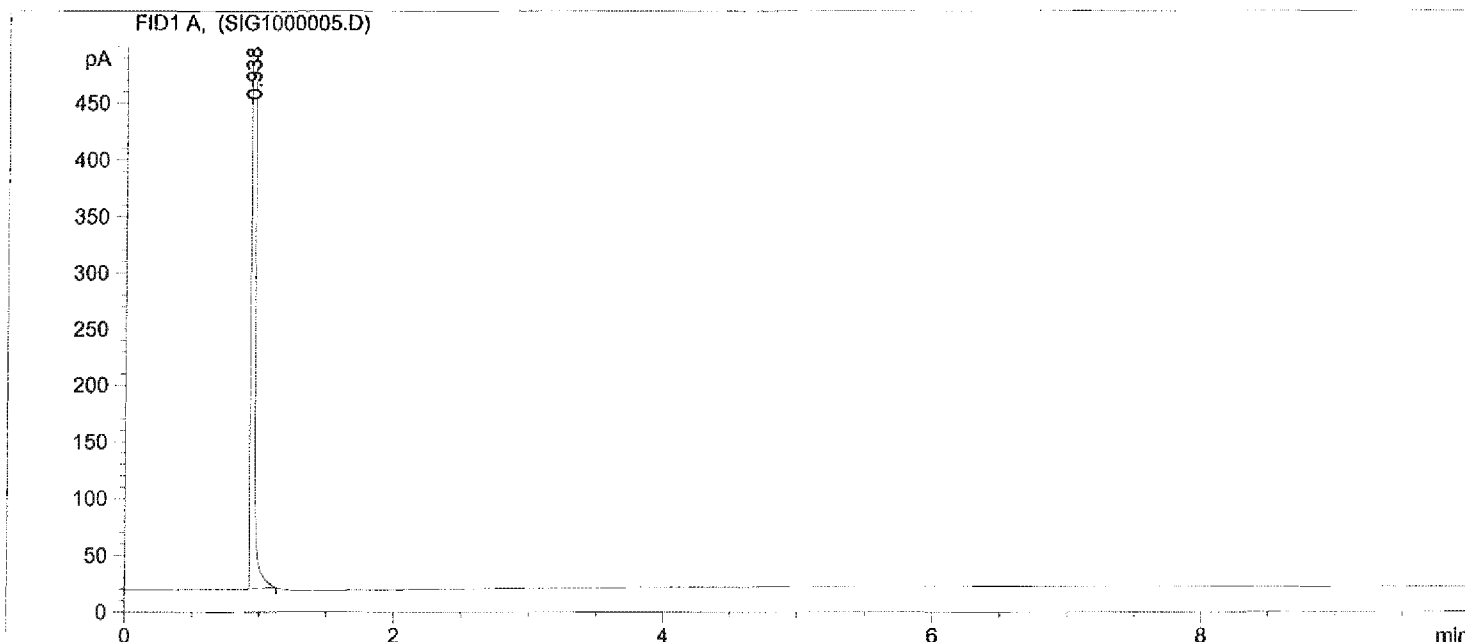
Totals : 5.33739e4 5.47362e4

```
=====
*** End of Report ***
```


Sample Name: BLANK

```
=====
Acq. Operator   : ASD                      Seq. Line :    5
Acq. Instrument : DrugLab GC #2            Location  : Vial 5
Injection Date  : 12/1/2011 9:34:24 AM      Inj       :    1
                                           Inj Volume: 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.938	1	BB S	5.31862e4	5.60460e4	1.000e2

Totals : 5.31862e4 5.60460e4

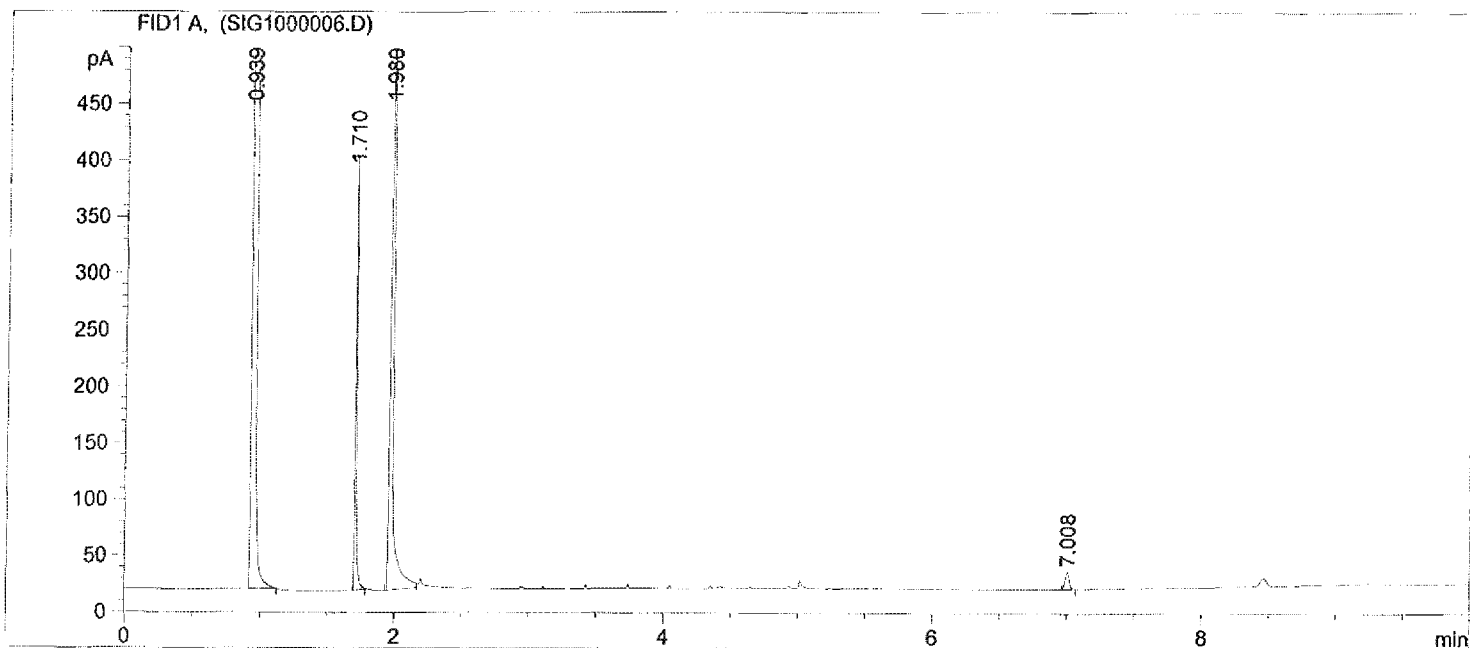
```
=====
*** End of Report ***
```

Sample Name: XXXXXXXXXX

```

=====
Acq. Operator   : ASD                      Seq. Line :    6
Acq. Instrument : DrugLab GC #2            Location  : Vial 6
Injection Date  : 12/1/2011 9:47:57 AM     Inj       :    1
                                           Inj Volume: 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed    : 7/28/2010 1:59:36 PM
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Retention Time
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	0.939	1	BB S	5.55920e4	5.48154e4	97.81997
2	1.710	1	BB	290.96432	372.99396	0.51198
3	1.980	1	BB	915.74261	516.57251	1.61134
4	7.008	1	BB	32.22269	14.96454	0.05670

```
Totals :                5.68310e4  5.57200e4
```

```

=====
*** End of Report ***
=====

```

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

KAC

No. of samples tested: 1

Evidence Wt.

OK

PHYSICAL DESCRIPTION:

1 blister pack containing
6 white tablets

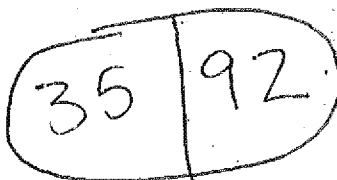
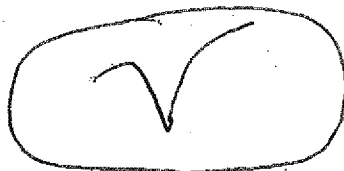
Gross Wt (): —

Gross Wt (): —

Pkg. Wt: —

Direct

Net Wt: 4.1461g



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () —

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride —

TLTA () —

OTHER TESTS

Micromedex (+) for
Hydrocodone

PRELIMINARY TEST RESULTS

RESULTS

Hydrocodone

DATE

3/19/12

GC/MS CONFIRMATORY TEST

RESULTS

Hydrocodone

MS
OPERATOR

LAG

DATE

3/23/12

Drug Information

DRUG NAME: HYDROCODONE BITARTRATE AND ACETAMINOPHEN

INGREDIENTS: ACETAMINOPHEN -- 500 MG
HYDROCODONE BITARTRATE -- 5 MG

Color: White

Shape: Capsule-shape

Imprint: 3592 The tablet is debossed "3592" on one side and debossed "V" on the reversed side. , V

Form: Oral Tablet

Available-Container-Size: Bottle of 60 , Bottle of 240 , Bottle of 120 , Bottle of 30 , Bottle of 180 , Bottle of 100 , Bottle of 50 , Bottle of 20 , Bottle of 1000 , Bottle of 500 , Bottle of 90

AAPCC Code: 201063 -
Acetaminophen with Hydrocodone

NDC: 00603-3881-20

00603-3881-12

00603-3881-22

00603-3881-16

00603-3881-04

00603-3881-21

00603-3881-19

00603-3881-09

00603-3881-32

00603-3881-28

00603-3881-02

UPC: 06033-88112

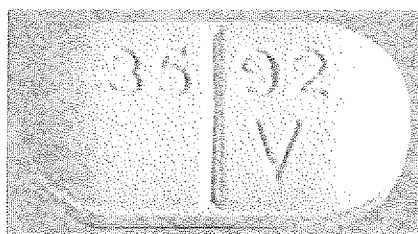
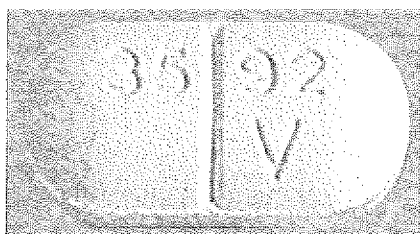
Excipients: Magnesium Stearate ; Sodium Starch Glycolate ; Hypromellose ; Lactose (Monohydrate)

Regulatory Status: Schedule III

Availability: United States

Product ID 5952935

Contact: Qualitest Pharmaceuticals

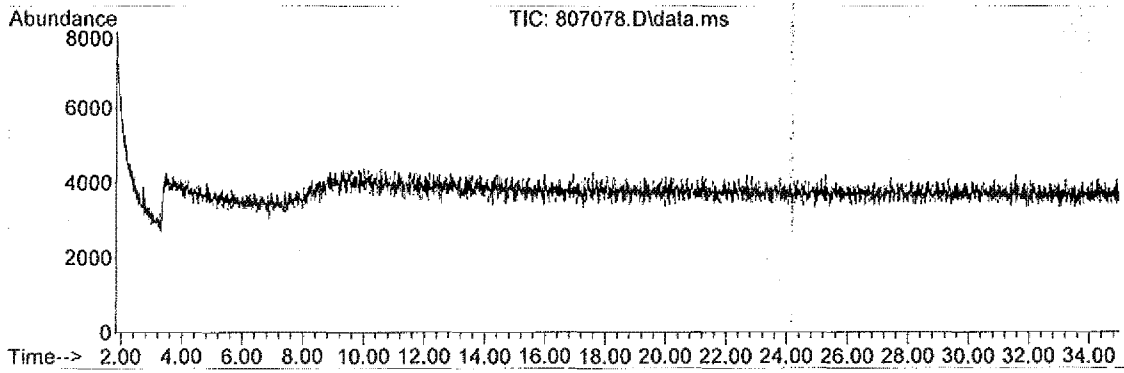


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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807078.D
Operator : LAG
Date Acquired : 3 Dec 2011 21:51
Sample Name : BLANK
Submitted by : KAC
Vial Number : 2
AcquisitionMeth: SCREEN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

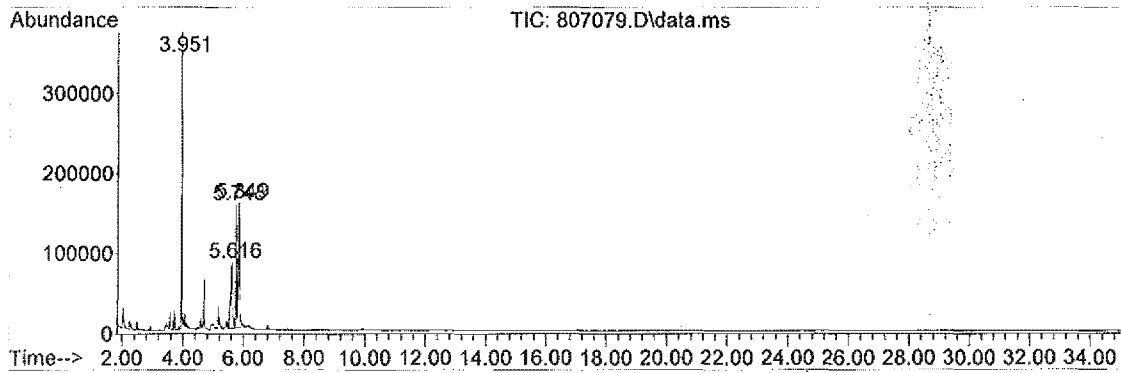
NO INTEGRATED PEAKS

LAG
6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.951	383474	25.48	82.22
5.616	372626	24.76	79.89
5.748	282448	18.77	60.56
5.849	466407	30.99	100.00

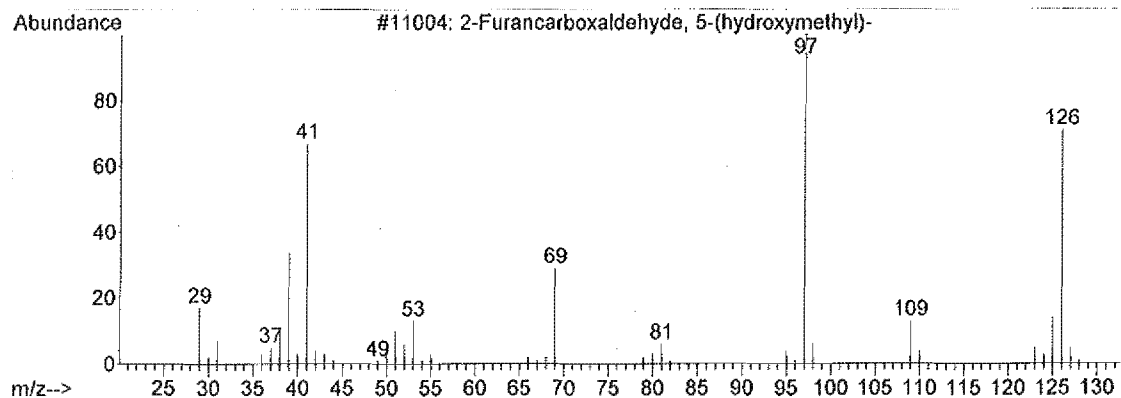
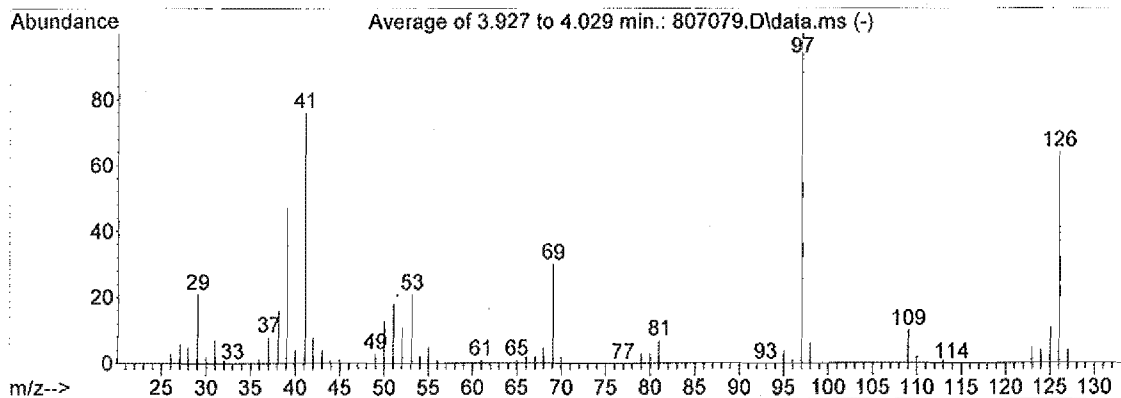
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.95	C:\Database\NIST08.L		
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	90
		2-Furancarboxaldehyde, 5-(hydroxyme	000067-47-0	62
		Benzenemethanol, 3-fluoro-	000456-47-3	47



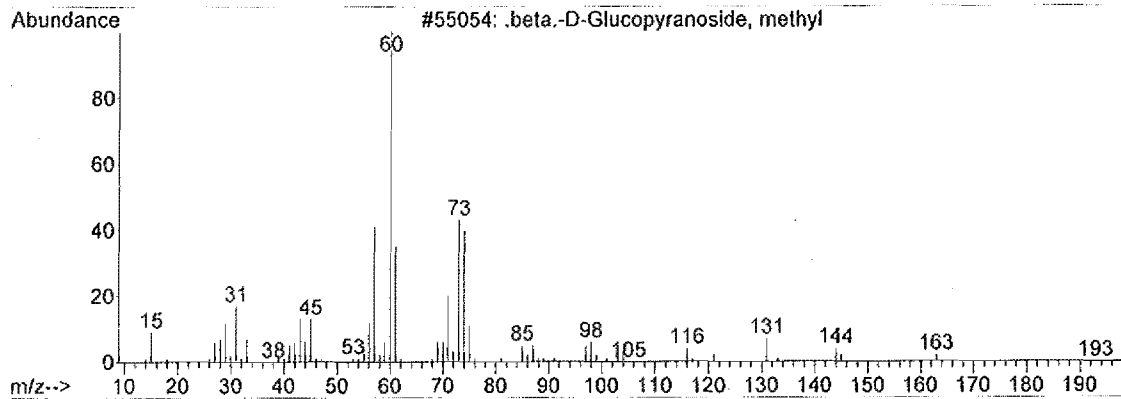
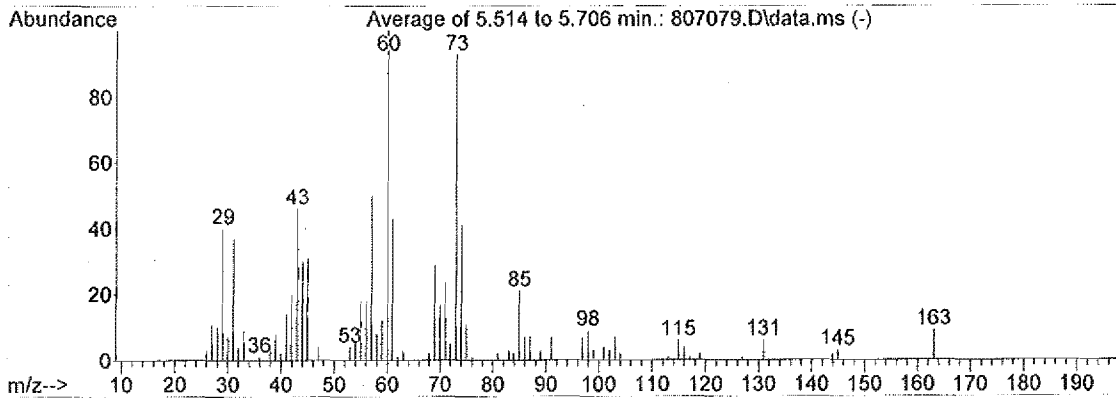
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	5.62	C:\Database\NIST08.L		
		.beta.-D-Glucopyranoside, methyl	000709-50-2	80
		.beta.-D-Glucopyranoside, methyl	000709-50-2	72
		.alpha.-D-Glucopyranoside, methyl	000097-30-3	72

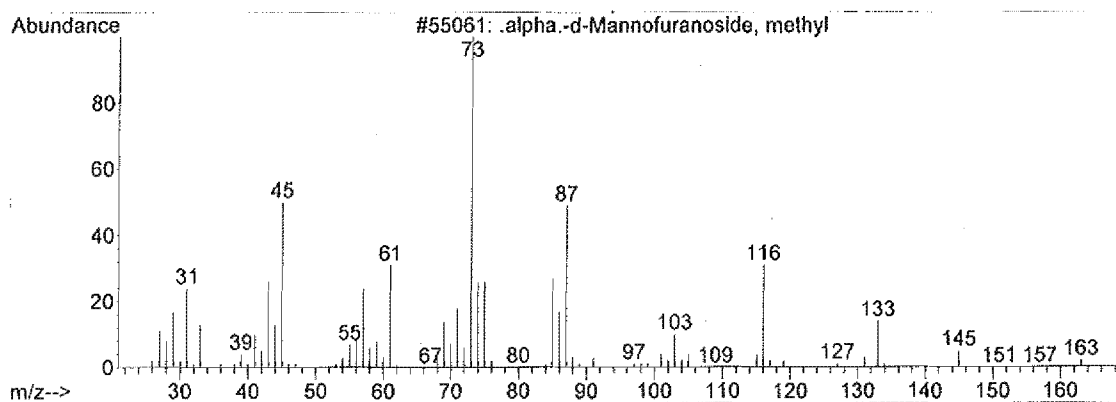
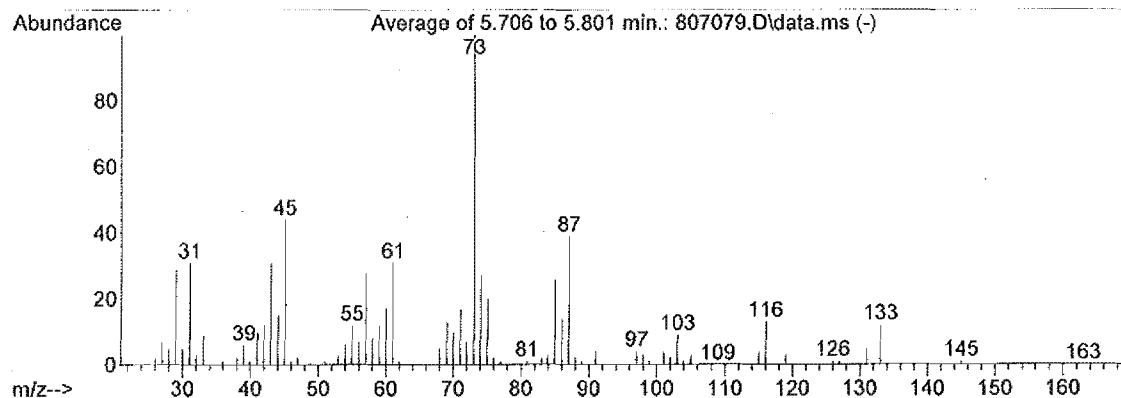


Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
Operator : LAG
Date Acquired : 3 Dec 2011 22:29
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 5
AcquisitionMeth: SCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	5.75	C:\Database\NIST08.L		
		.alpha.-d-Mannofuranoside, methyl	004097-91-0	91
		.beta.-d-Lyxofuranoside, methyl	022861-09-2	47
		.alpha.-D-Xylofuranoside, methyl	001824-96-0	43



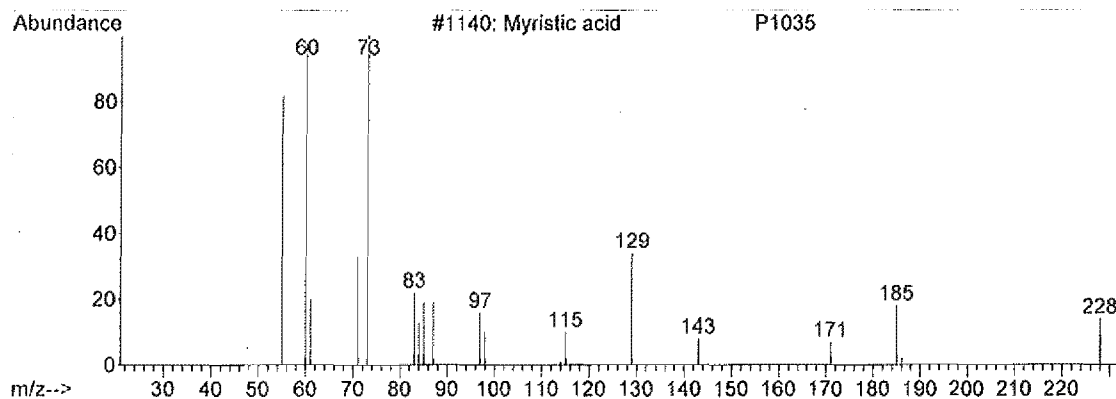
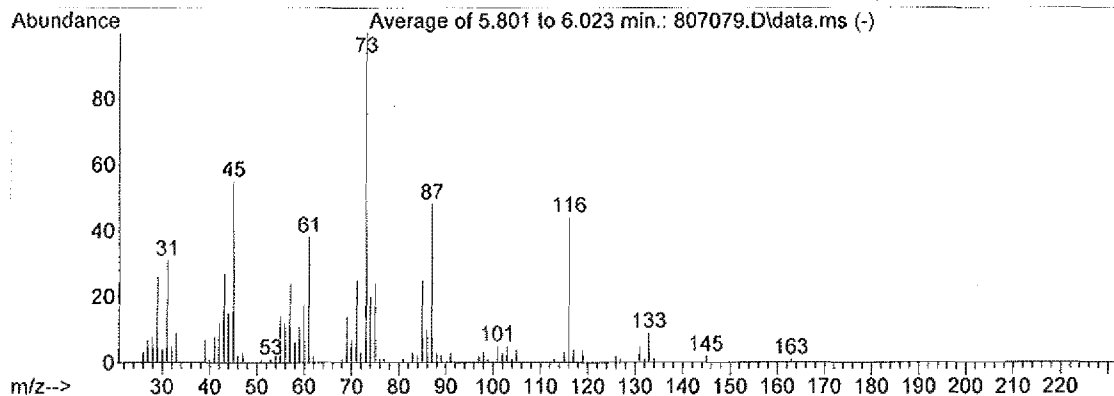
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\807079.D
 Operator : LAG
 Date Acquired : 3 Dec 2011 22:29
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 5
 AcquisitionMeth: SCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

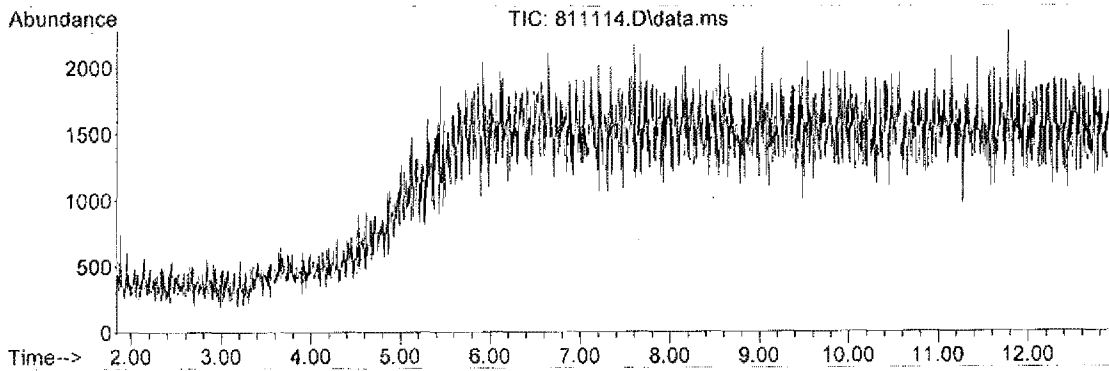
PK#	RT	Library/ID	CAS#	Qual
4	5.85	C:\Database\PMW_TOX2.L Myristic acid	000544-63-8	1



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811114.D
Operator : LAG
Date Acquired : 13 Dec 2011 16:02
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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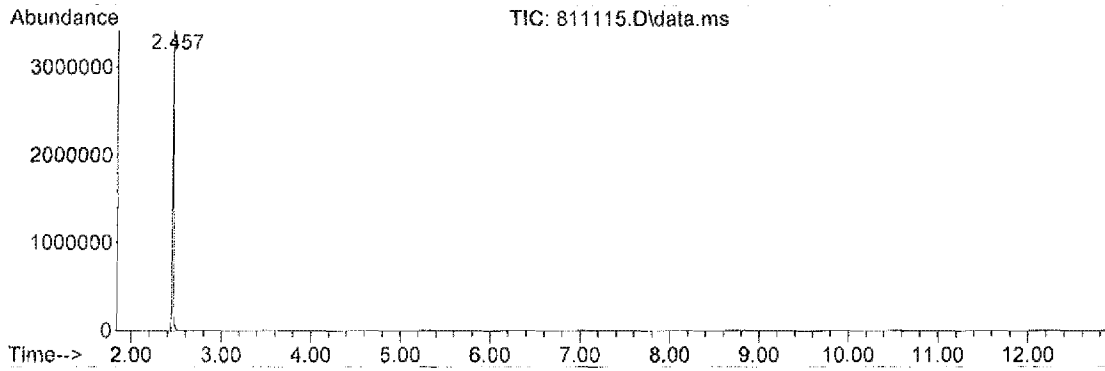
NO INTEGRATED PEAKS

LAG
6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811115.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 16:17
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.457	3303000	100.00	100.00

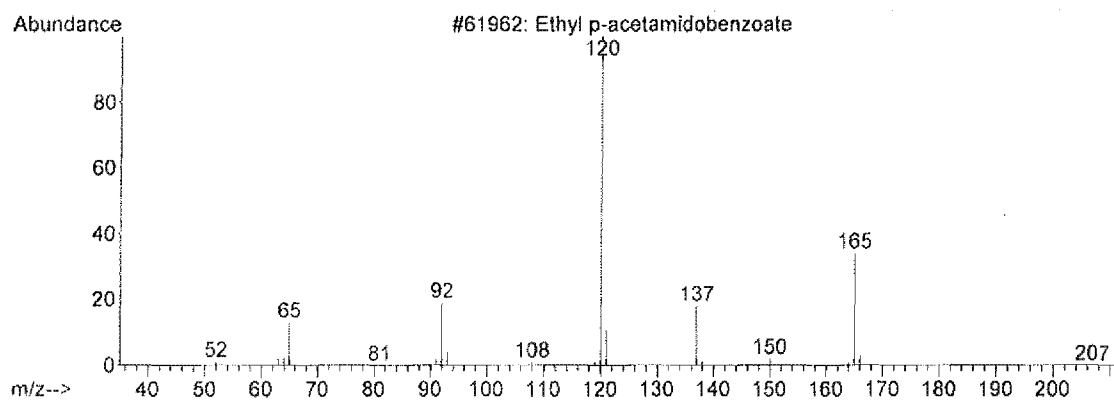
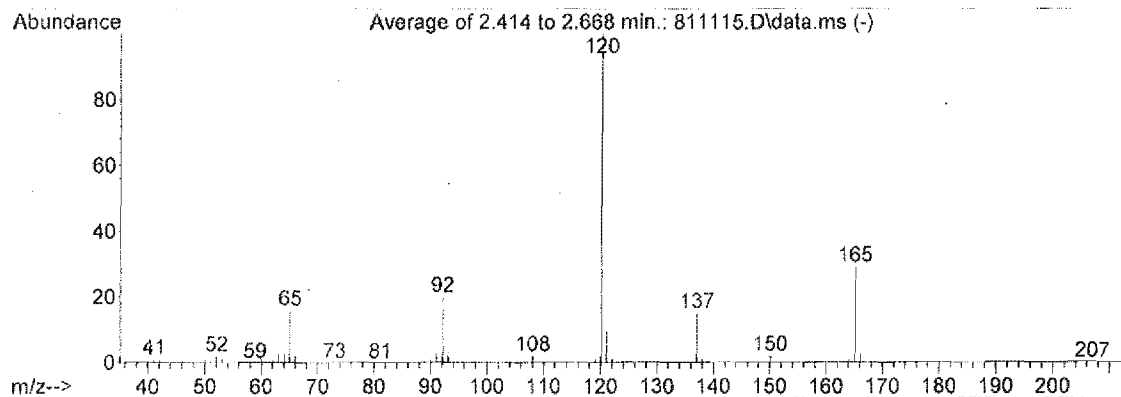
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811115.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 16:17
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

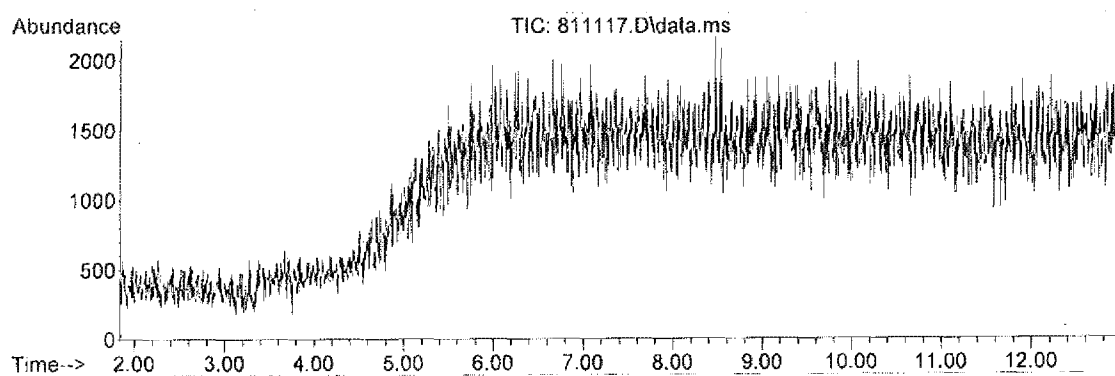
PK#	RT	Library/ID	CAS#	Qual
1	2.46	C:\Database\NIST05a.L		
		Ethyl p-acetamidobenzoate	005338-44-3	96
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	95
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	94



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811117.D
Operator : LAG
Date Acquired : 13 Dec 2011 16:49
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



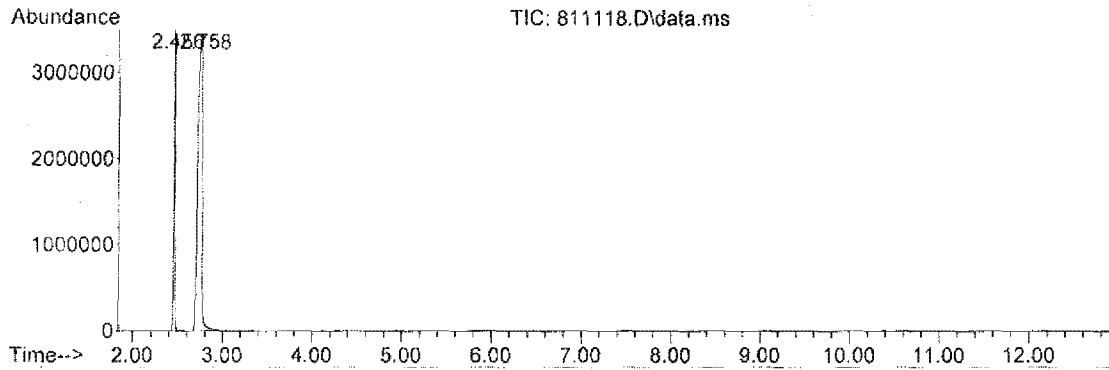
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:04
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.456	3368668	22.31	28.72
2.758	11729488	77.69	100.00

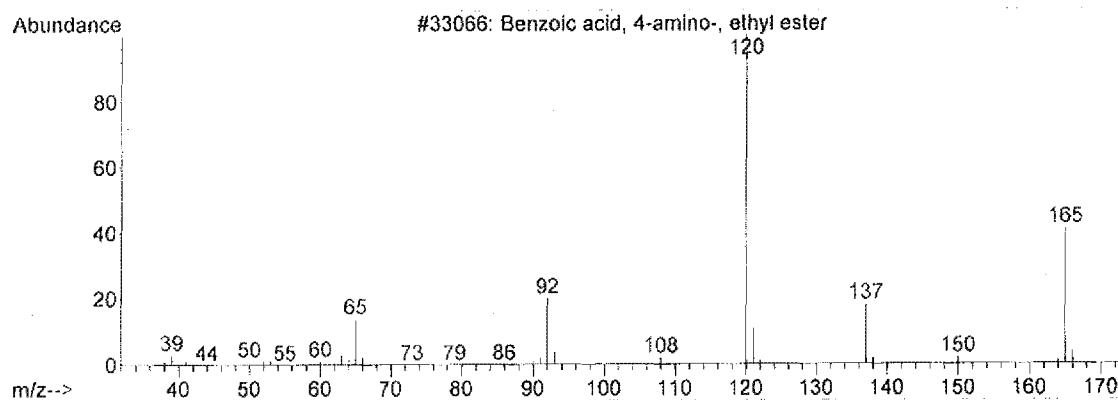
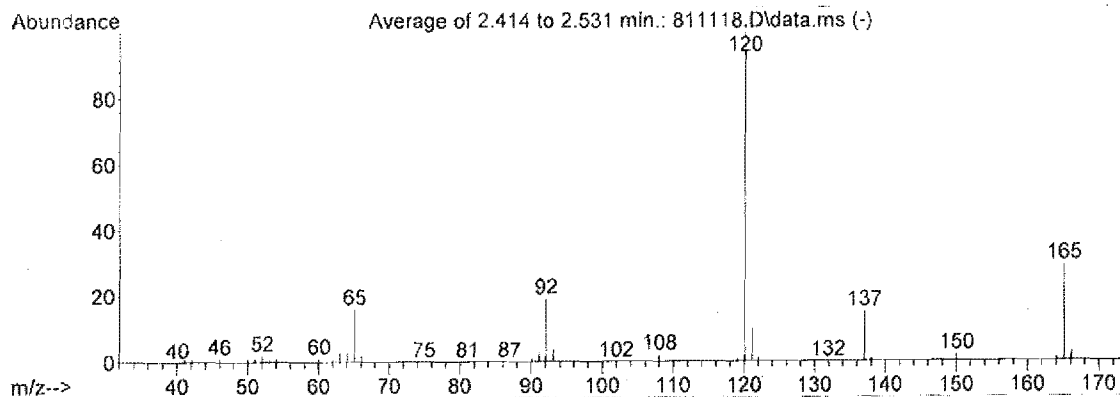
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:04
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.46	C:\Database\NIST05a.L		
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	95
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	94
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	94



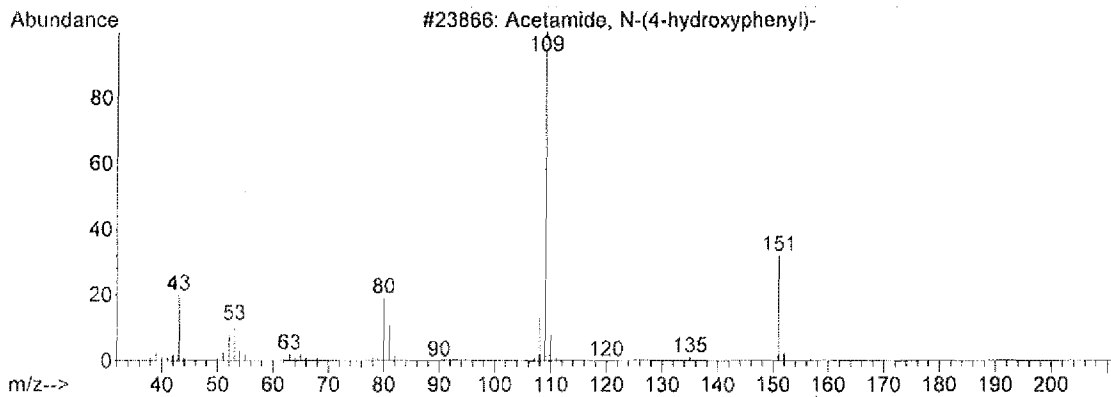
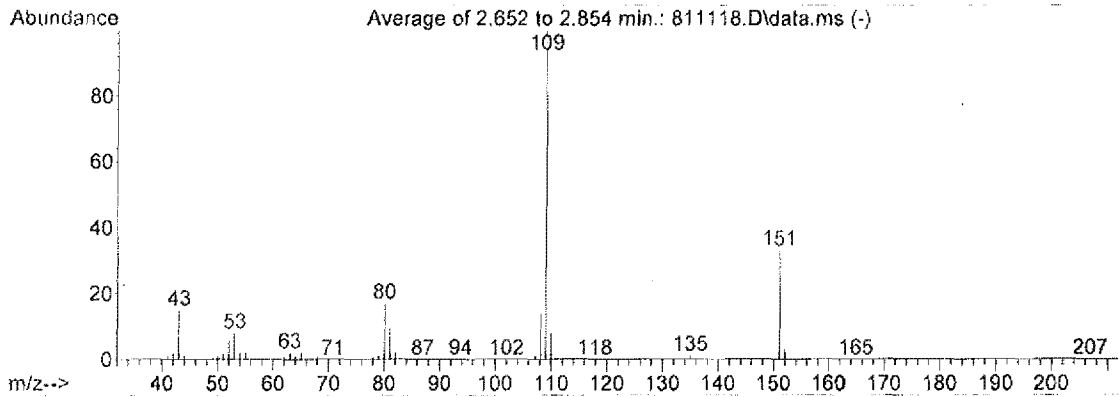
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811118.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:04
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 18
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

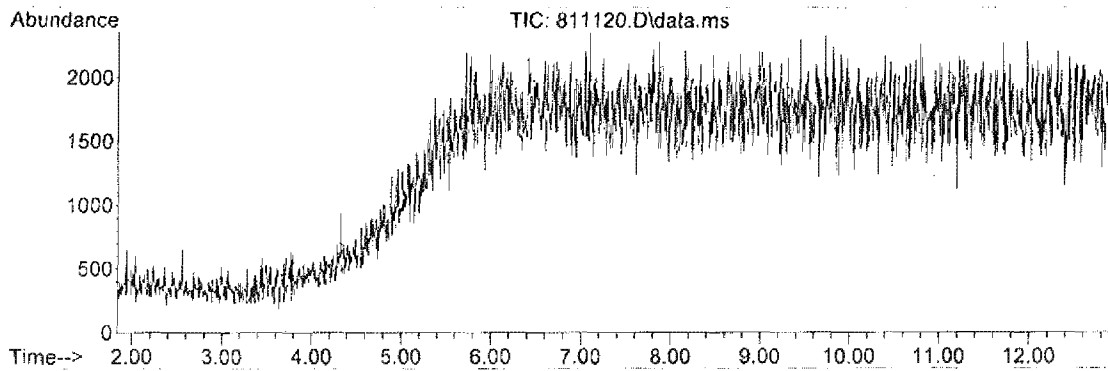
PK#	RT	Library/ID	CAS#	Qual
2	2.76	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811120.D
Operator : LAG
Date Acquired : 13 Dec 2011 17:35
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



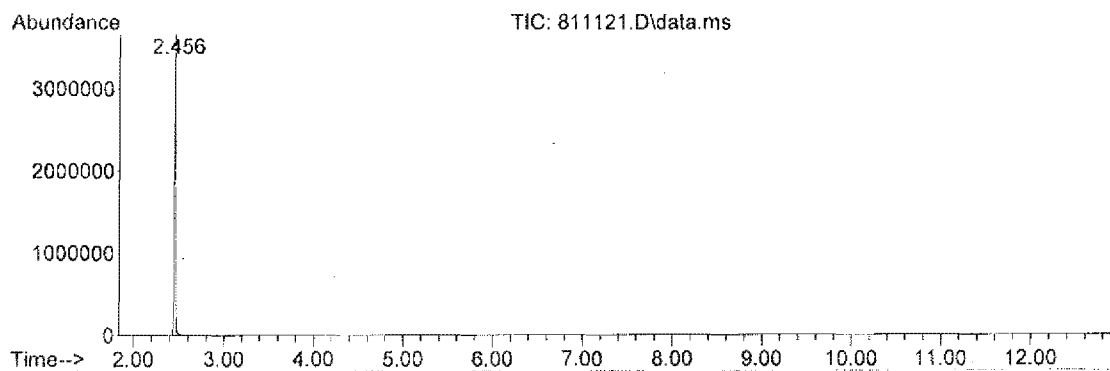
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811121.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:51
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.456	3650395	100.00	100.00

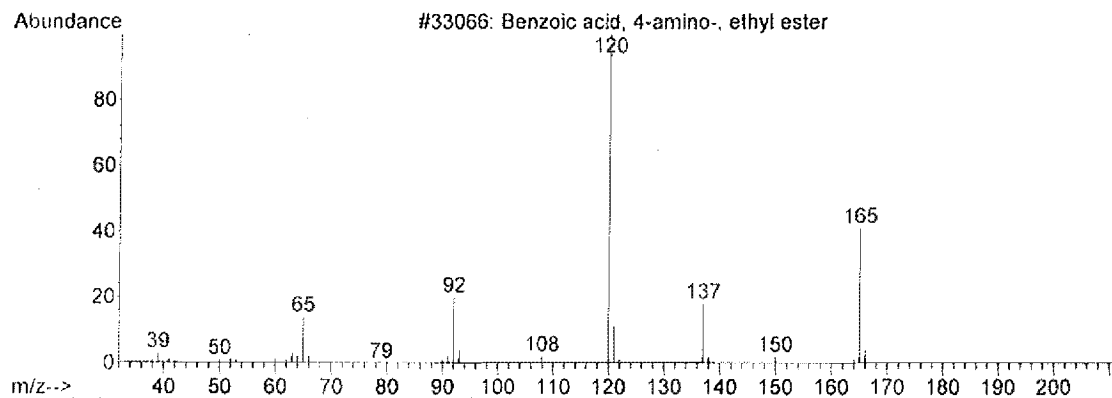
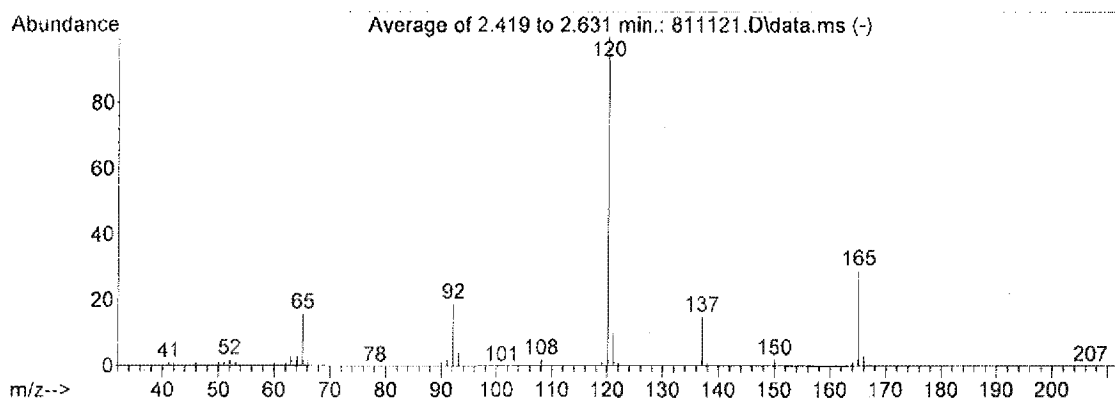
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System7\12_13_11\811121.D
 Operator : LAG
 Date Acquired : 13 Dec 2011 17:51
 Sample Name : BENZOCAINE STD
 Submitted by :
 Vial Number : 15
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

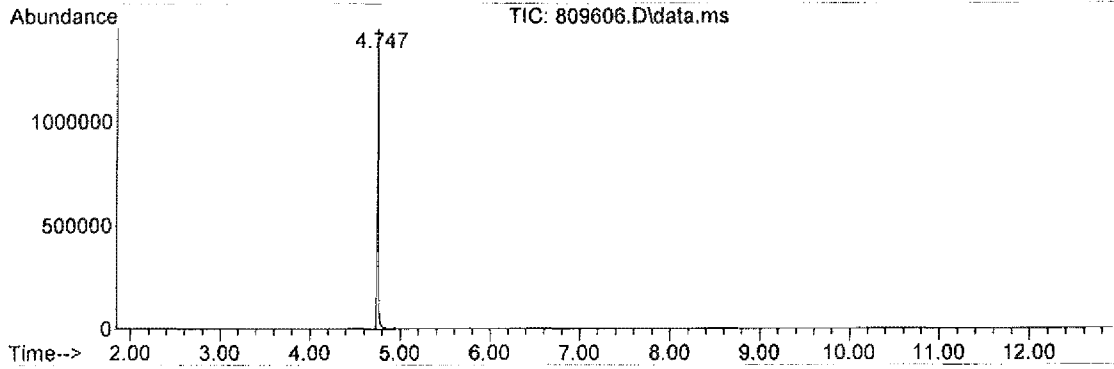
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.46	C:\Database\NIST05a.L		
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	95
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	95
		Benzoic acid, 4-amino-, ethyl ester	000094-09-7	94



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809606.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 14:47
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.747	1407448	100.00	100.00

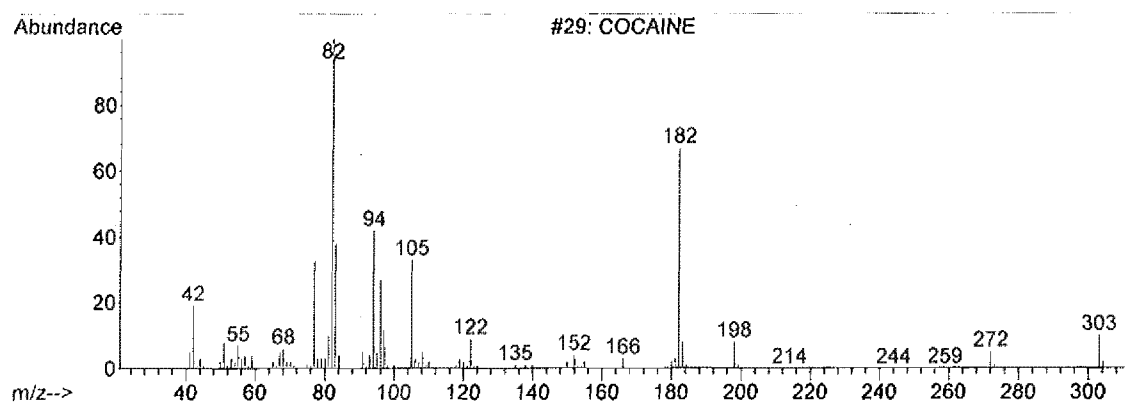
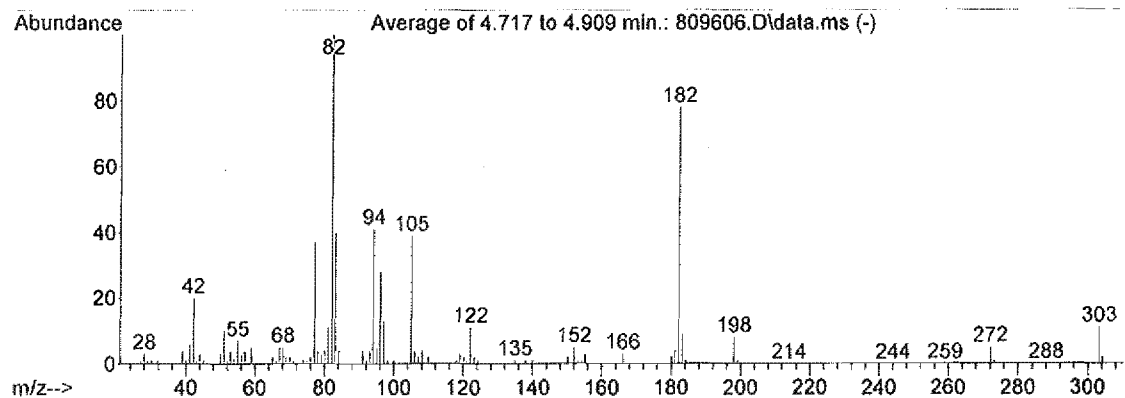
LAG
6/27/12

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809606.D
Operator : LAG
Date Acquired : 2 Dec 2011 14:47
Sample Name : COCAINE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

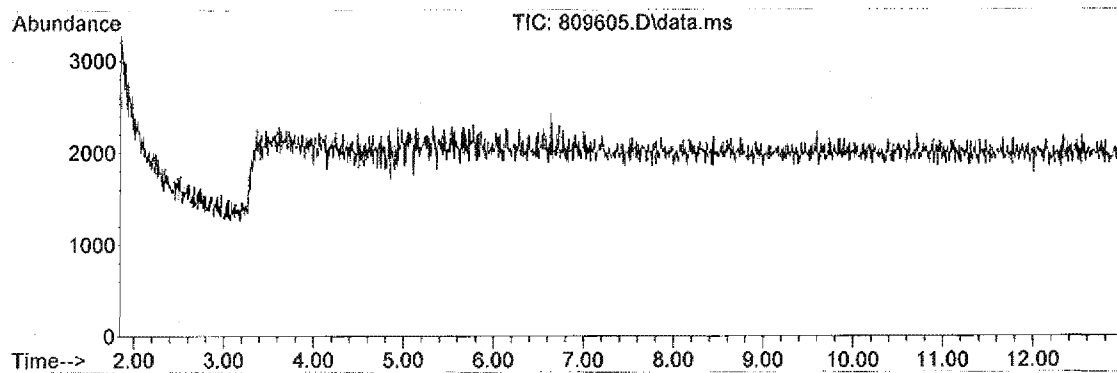
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.75	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809605.D
Operator : LAG
Date Acquired : 2 Dec 2011 14:31
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

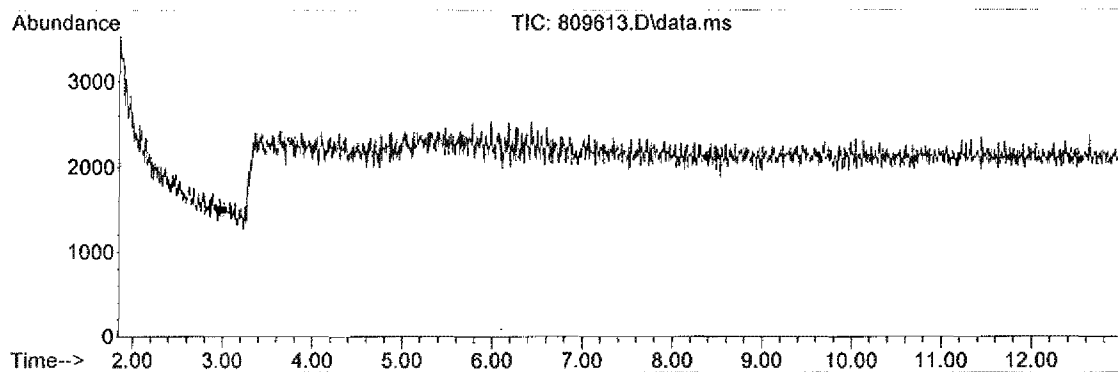


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809613.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:35
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



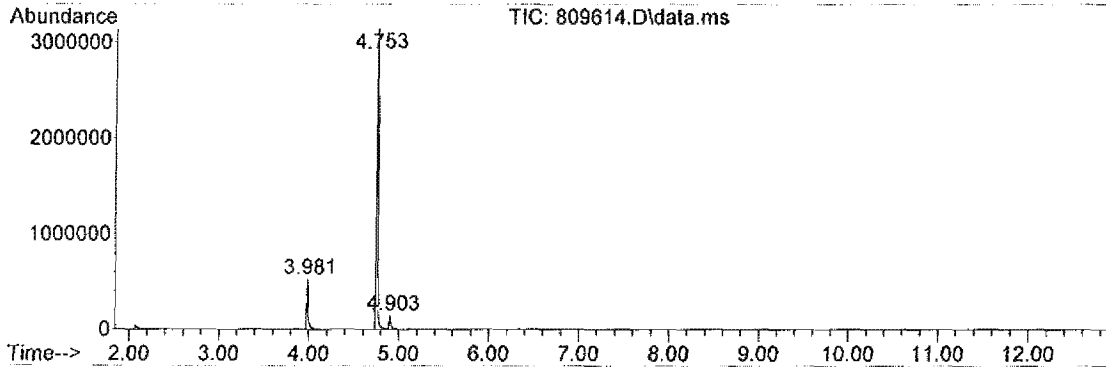
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 16:51
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 14
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



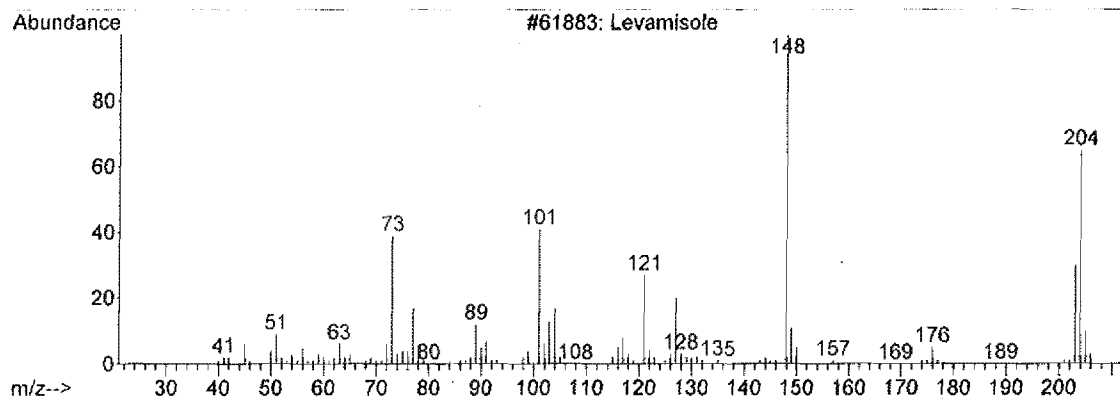
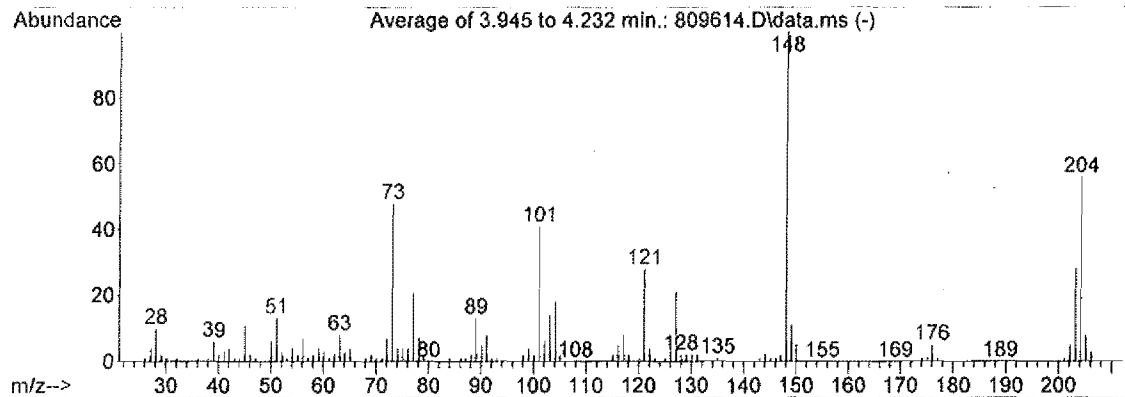
Ret. Time	Area	Area %	Ratio %
3.981	663133	14.81	18.34
4.753	3616578	80.79	100.00
4.903	196743	4.40	5.44

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:51
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.98	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	98

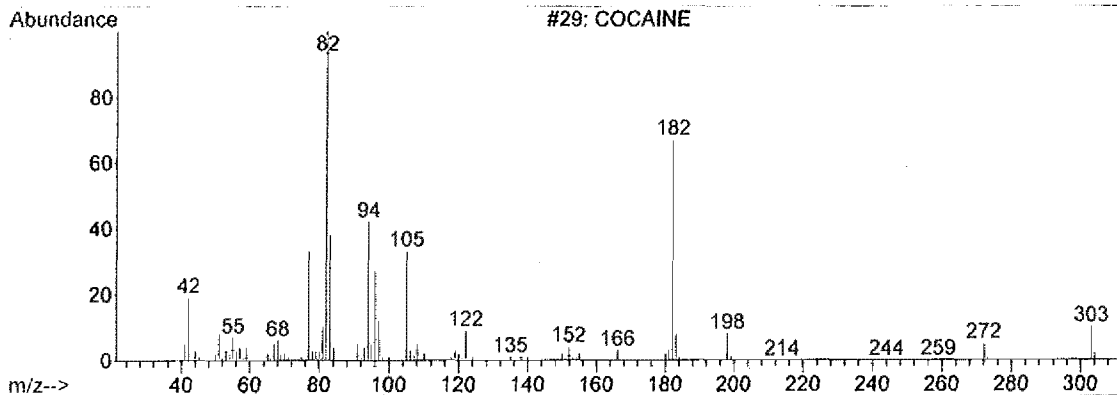
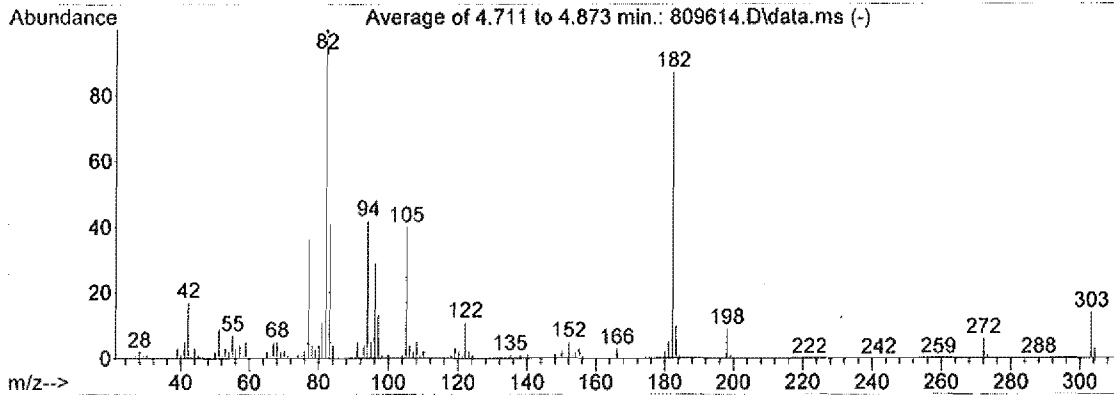


Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
Operator : LAG
Date Acquired : 2 Dec 2011 16:51
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.75	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99



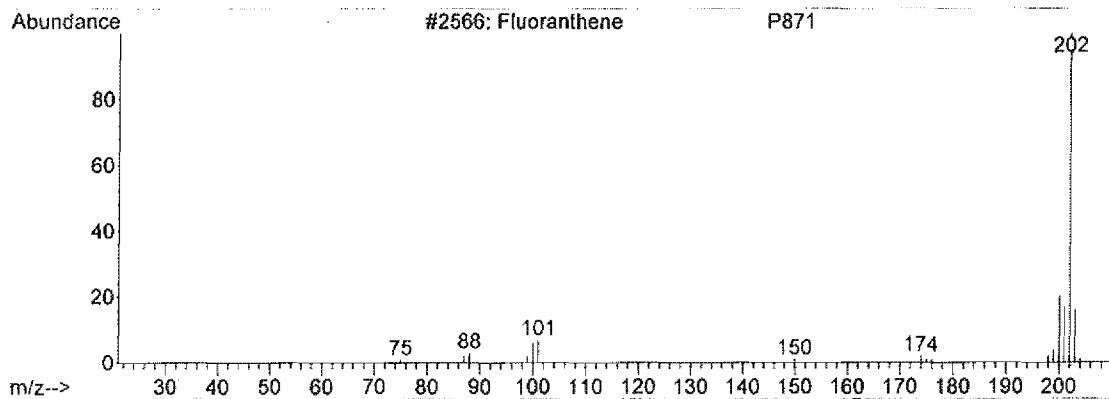
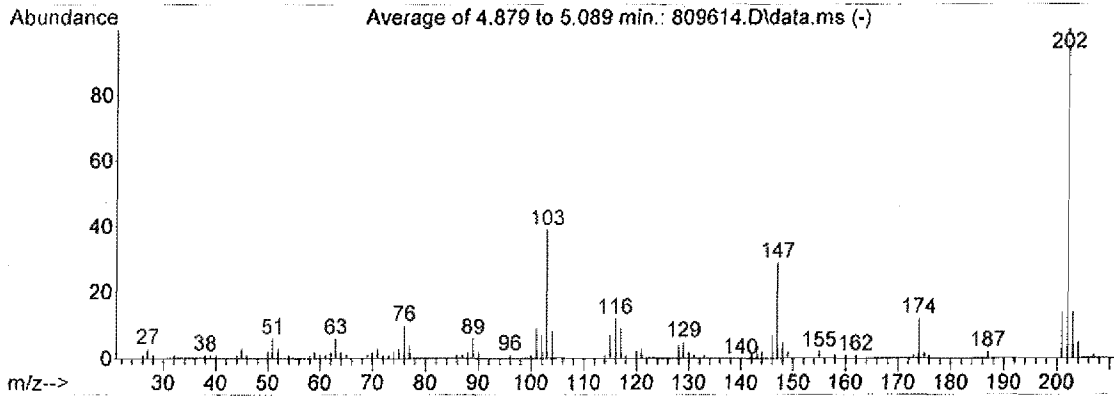
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809614.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 16:51
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 14
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

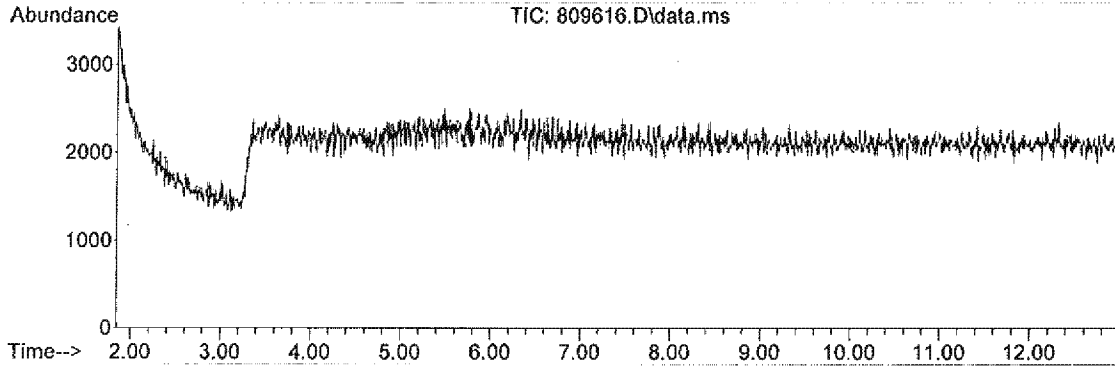
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.90	C:\Database\PMW_TOX2.L		
		Fluoranthene	000206-44-0	32
		PCM	002201-40-3	17
		Pyrene	000129-00-0	9



Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809616.D
Operator : LAG
Date Acquired : 2 Dec 2011 17:22
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



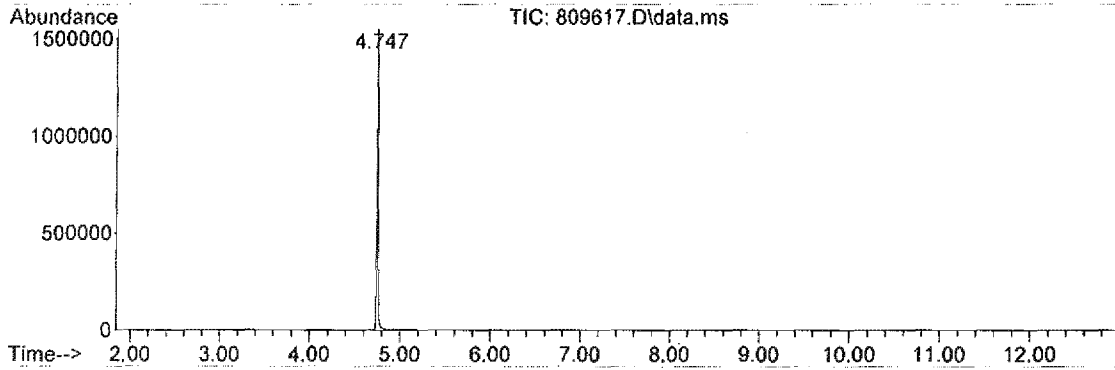
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809617.D
 Operator : LAG
 Date Acquired : 2 Dec 2011 17:38
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



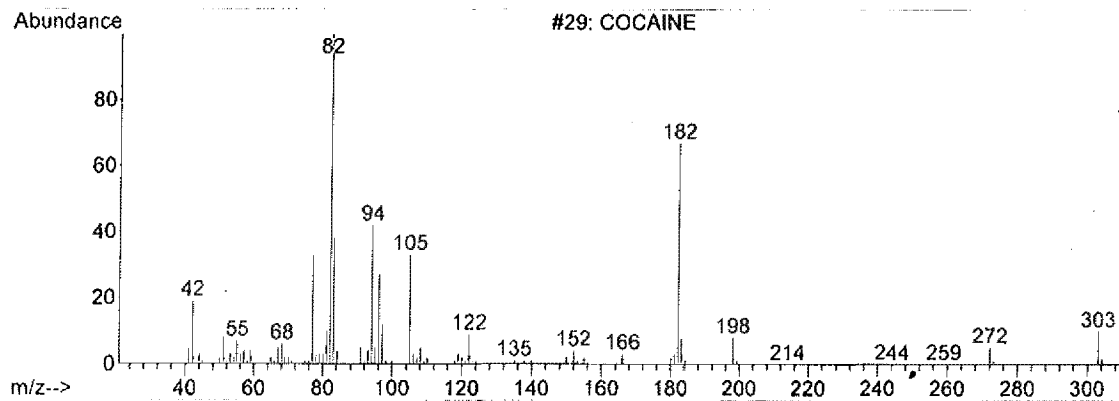
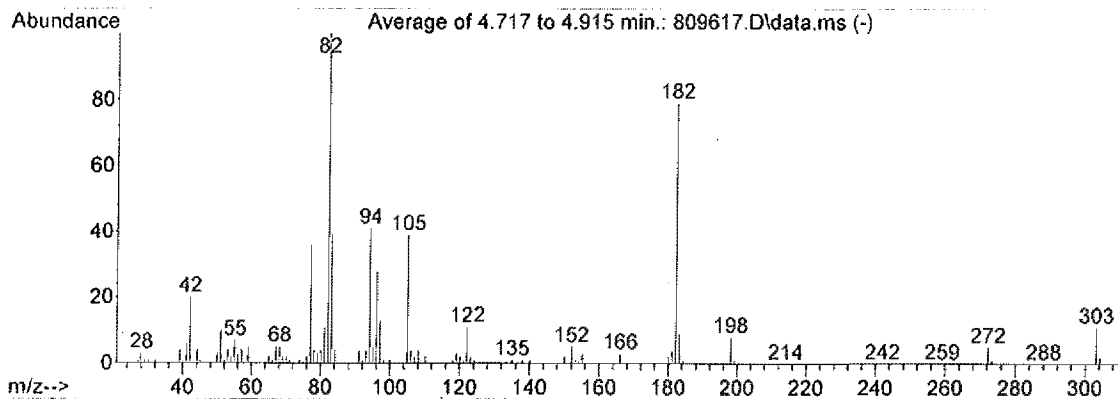
Ret. Time	Area	Area %	Ratio %
4.747	1511894	100.00	100.00

Information from Data File:

File Name : F:\Q4-2011\System8\12_02_11\809617.D
Operator : LAG
Date Acquired : 2 Dec 2011 17:38
Sample Name : COCAINE STD
Submitted by :
Vial Number : 6
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

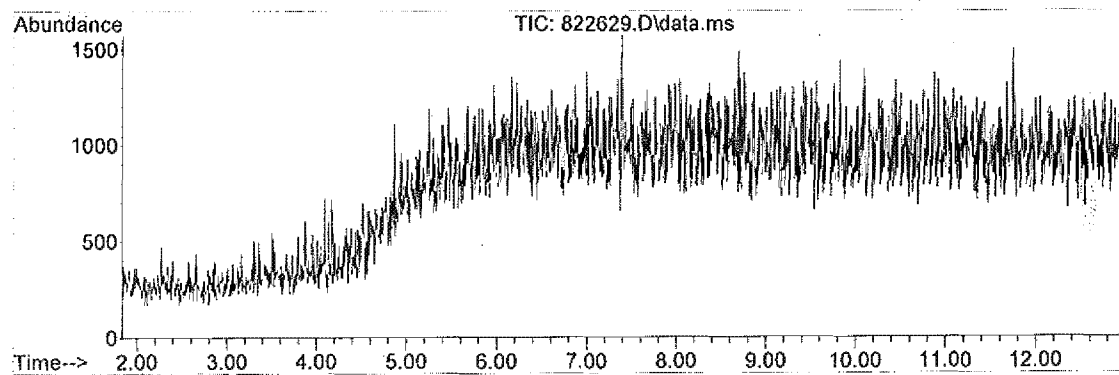
PK#	RT	Library/ID	CAS#	Qual
1	4.75	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822629.D
Operator : LAG
Date Acquired : 21 Mar 2012 22:25
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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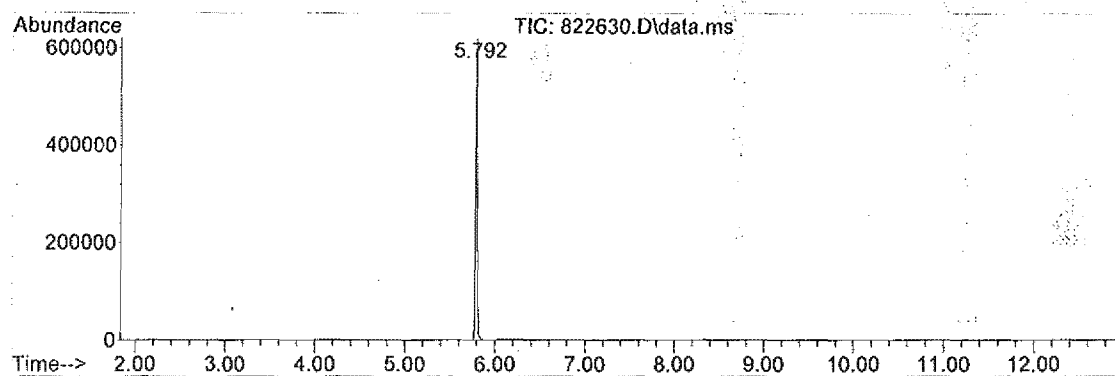
NO INTEGRATED PEAKS

LAG
6/27/12

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822630.D
 Operator : LAG
 Date Acquired : 21 Mar 2012 22:41
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.792	766864	100.00	100.00

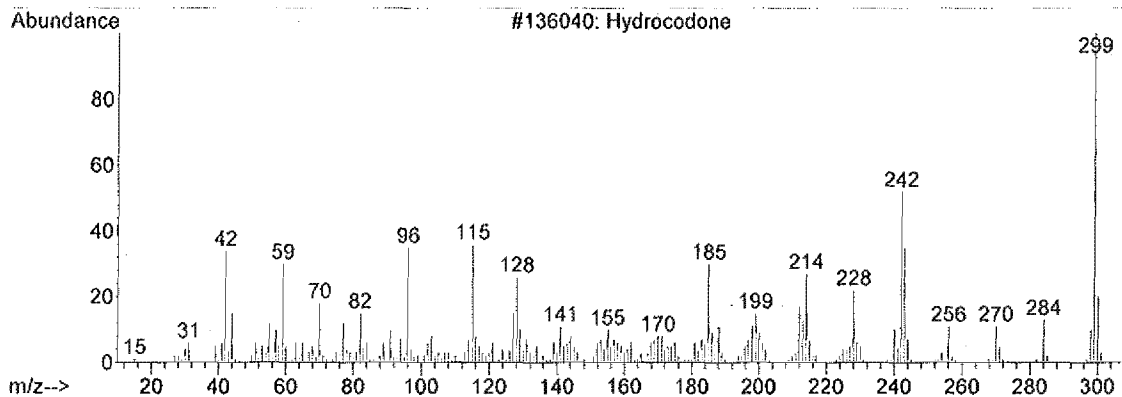
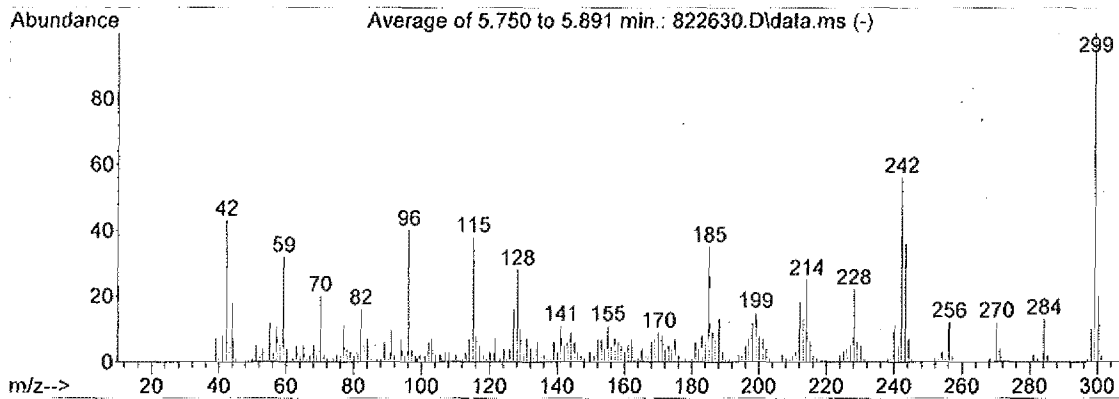
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822630.D
 Operator : LAG
 Date Acquired : 21 Mar 2012 22:41
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

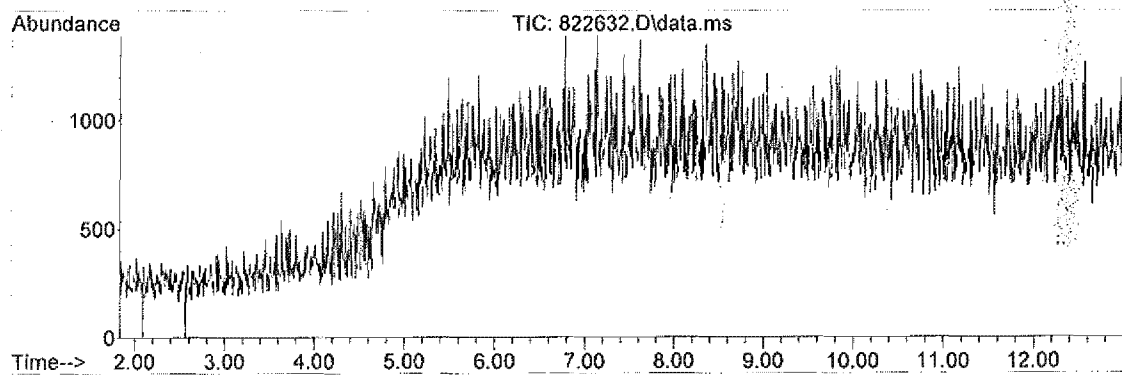
PK#	RT	Library/ID	CAS#	Qual
1	5.79	C:\Database\NIST08.L		
		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822632.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:12
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



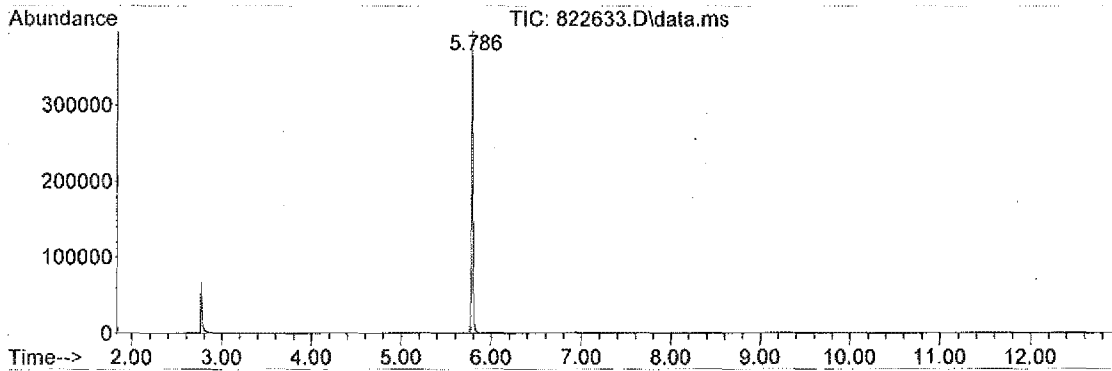
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822633.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:28
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.786	463185	100.00	100.00

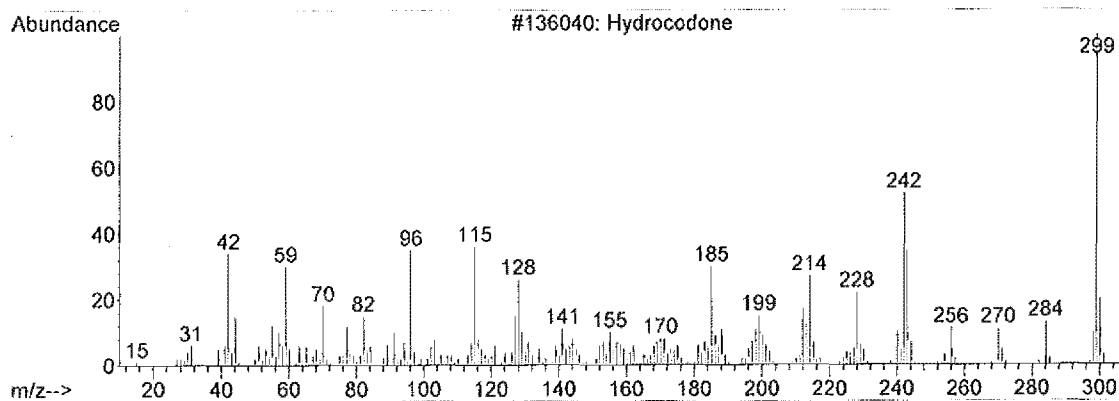
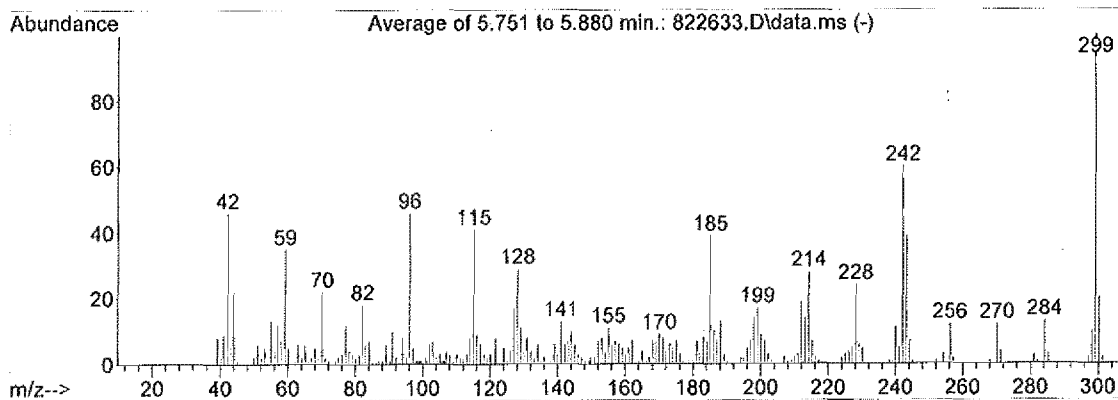
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822633.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:28
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 33
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

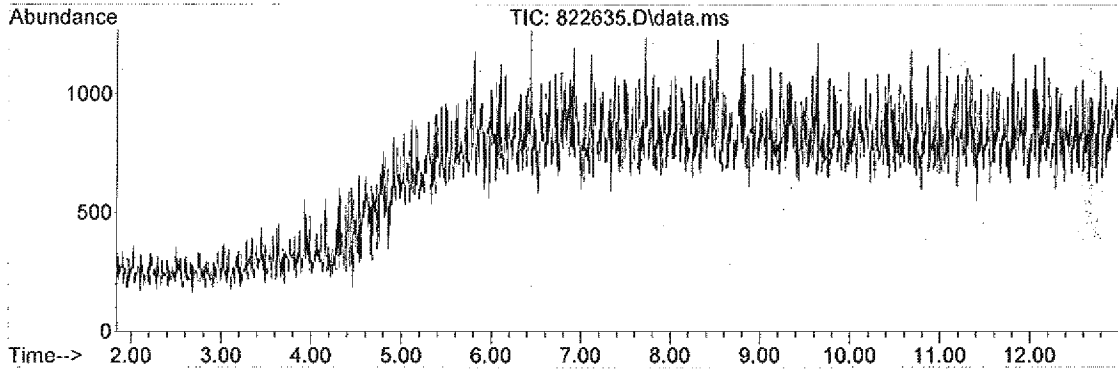
PK#	RT	Library/ID	CAS#	Qual
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		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822635.D
Operator : LAG
Date Acquired : 21 Mar 2012 23:59
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



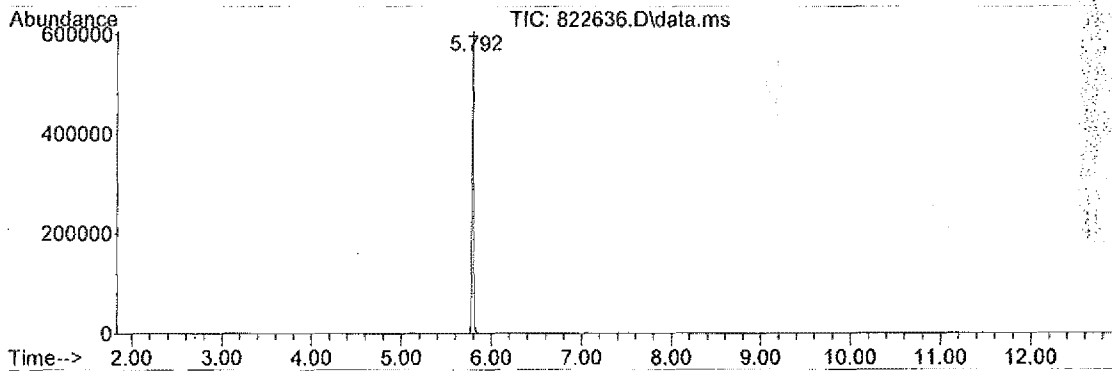
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_21_12\822636.D
 Operator : LAG
 Date Acquired : 22 Mar 2012 00:15
 Sample Name : HYDROCODONE STD
 Submitted by :
 Vial Number : 30
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.792	702945	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

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File Name       : C:\msdchem\1\data\SYSTEM6\03_21_12\822636.D
Operator        : LAG
Date Acquired   : 22 Mar 2012  00:15
Sample Name     : HYDROCODONE STD
Submitted by    :
Vial Number     : 30
AcquisitionMeth : DRUGS.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	5.79	C:\Database\NIST08.L		
		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99
		Hydrocodone	000125-29-1	99

